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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS 3	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS 4	APR 02	DWPI: New display format ALLSTR available
NEWS 5	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS 6	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS 7	APR 07	CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS 8	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus
NEWS 9	APR 07	MEDLINE Coverage Is Extended Back to 1947
NEWS 10	JUN 16	WPI First View (File WPIFV) will no longer be available after July 30, 2010
NEWS 11	JUN 18	DWPI: New coverage - French Granted Patents
NEWS 12	JUN 18	CAS and FIZ Karlsruhe announce plans for a new STN platform
NEWS 13	JUN 18	IPC codes have been added to the INSPEC backfile (1969-2009)
NEWS 14	JUN 21	Removal of Pre-IPC 8 data fields streamline displays in CA/CAplus, CASREACT,and MARPAT
NEWS 15	JUN 21	Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers -- EMBASE Classic on STN
NEWS 16	JUN 28	Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol
NEWS 17	JUN 29	Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN
NEWS 18	JUL 19	Enhancement of citation information in INPADOC databases provides new, more efficient competitor analyses
NEWS 19	JUL 26	CAS coverage of global patent authorities has expanded to 61 with the addition of Costa Rica
NEWS 20	SEP 15	MEDLINE Cited References provide additional revelant records with no additional searching.

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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FILE 'HOME' ENTERED AT 06:58:16 ON 01 OCT 2010

=> file reg
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      0.22       0.22

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DICTIONARY FILE UPDATES:  29 SEP 2010  HIGHEST RN 1243818-26-9

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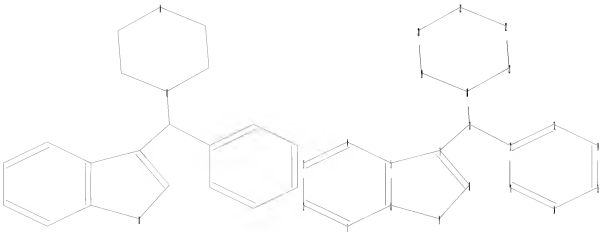

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chain nodes :
11
ring nodes :
1  2  3  4  5  6  7  8  9  12  13  14  15  16  17  18  19  20  21  22  23
chain bonds :
7-11  11-12  11-18
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9  12-13  12-17  13-14  14-15  15-16
 16-17  18-19  18-23  19-20  20-21  21-22  22-23
exact/norm bonds :
6-9  8-9  11-18  18-19  18-23  19-20  20-21  21-22  22-23
exact bonds :
5-7  7-8  7-11  11-12
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  12-13  12-17  13-14  14-15  15-16  16-17
isolated ring systems :
containing 1 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  11:CLASS
12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom
21:Atom  22:Atom  23:Atom



L1      STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 06:59:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       54 TO ITERATE

100.0% PROCESSED       54 ITERATIONS                              22 ANSWERS
SEARCH TIME: 00.00.01

L2           22 SEA SSS FUL L1

=> file capl
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   192.03     192.25
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FILE 'CAPLUS' ENTERED AT 06:59:36 ON 01 OCT 2010
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FILE COVERS 1907 - 1 Oct 2010 VOL 153 ISS 15
FILE LAST UPDATED: 30 Sep 2010 (20100930/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l2

L3 13 L2

=> d l3 1-13 ibib hitstr

L3 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:371214 CAPLUS
DOCUMENT NUMBER: 142:430155
TITLE: Azepines, azetidinones, and related compounds as dipeptidyl peptidase IV inhibitors for treating immunological, inflammatory, neuronal, and other diseases.
INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Taeger, Michael; Striggow, Frank
PATENT ASSIGNEE(S): Institut Fuer Medizintechnologie Magdeburg IMTM GmbH, Germany; Keyneurotek Ag
SOURCE: PCT Int. Appl., 295 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

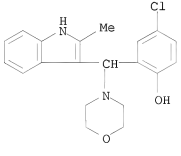
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037779	A2	20050428	WO 2004-EP11645	20041015
WO 2005037779	A3	20050707		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,

LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

DE	10348022	A1	20050525	DE 2003-10348022		20031015
AU	2004281959	A1	20050428	AU 2004-281959		20041015
AU	2004281959	B2	20090723			
AU	2004281959	B9	20091126			
CA	2542807	A1	20050428	CA 2004-2542807		20041015
EP	1675594	A2	20060705	EP 2004-790487		20041015
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK					
CN	1889960	A	20070103	CN 2004-80034815		20041015
JP	2008500270	T	20080110	JP 2006-534708		20041015
US	20070037785	A1	20070215	US 2006-575883		20060915
PRIORITY APPLN. INFO.:				DE 2003-10348022	A	20031015
				WO 2004-EP11645	W	20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 142:430155
IT 298685-88-8
RL: BSU (Biological study, unclassified); COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(dipeptidyl peptidase IV inhibitors and their use in pharmaceutical or cosmetic compns.)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

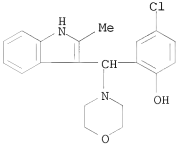
L3 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:369265 CAPLUS
DOCUMENT NUMBER: 142:423892
TITLE: Alanyl aminopeptidase inhibitors for functionally influencing different cells and treating immunological, inflammatory, neuronal, and other diseases
INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank
PATENT ASSIGNEE(S): Institut Fur Medizintechnologie Magdeburg GmbH IMTM, Germany; Keyneurotek AG
SOURCE: PCT Int. Appl., 332 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037257	A2	20050428	WO 2004-EP11643	20041015
WO 2005037257	A3	20060914		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348023	A1	20050519	DE 2003-10348023	20031015
AU 2004281536	A1	20050428	AU 2004-281536	20041015
AU 2004281536	B2	20090709		
AU 2004281536	B9	20091008		
CA 2542723	A1	20050428	CA 2004-2542723	20041015
EP 1673075	A2	20060628	EP 2004-790485	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1897928	A	20070117	CN 2004-80036456	20041015
JP 2007508349	T	20070405	JP 2006-534706	20041015
US 20070037752	A1	20070215	US 2006-575882	20060915

PRIORITY APPLN. INFO.: DE 2003-10348023 A 20031015
WO 2004-EP11643 W 20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 142:423892
IT 298685-88-8
RL: DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase inhibitors for treatment of immunol., inflammatory, neuronal, and other diseases)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



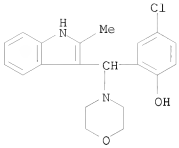
OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:346852 CAPLUS
DOCUMENT NUMBER: 142:386029
TITLE: Dual alanyl aminopeptidase and dipeptidyl peptidase IV inhibitors for functionally influencing different cells and for treating immunological, inflammatory, neuronal and other diseases
INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank
PATENT ASSIGNEE(S): Institut fur Medizintechnologie Magdeburg IMTM G.m.b.H., Germany; Keyneurotek A.-G. Zenit Technologiepark
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034940	A2	20050421	WO 2004-EP11644	20041015
WO 2005034940	A3	20051208		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348044	A1	20050519	DE 2003-10348044	20031015
AU 2004280090	A1	20050421	AU 2004-280090	20041015
AU 2004280090	B2	20090813		
CA 2542592	A1	20050421	CA 2004-2542592	20041015
EP 1673082	A2	20060628	EP 2004-790486	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1882332	A	20061220	CN 2004-80033900	20041015
JP 2007508350	T	20070405	JP 2006-534707	20041015
EP 2105441	A1	20090930	EP 2009-160132	20041015
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 20070078130	A1	20070405	US 2006-575878	20060915

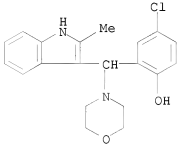
PRIORITY APPLN. INFO.: DE 2003-10348044 A 20031015
EP 2004-790486 A3 20041015
WO 2004-EP11644 W 20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 142:386029
IT 298685-88-8
RL: COS (Cosmetic use); DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase-dipeptidyl peptidase IV dual inhibitors for treating immunol., inflammatory, neuronal, and other diseases)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:566659 CAPLUS
DOCUMENT NUMBER: 140:181279
TITLE: Reactions of 2-methylindole with morpholinals of substituted salicylaldehydes
AUTHOR(S): Ukhin, L. Yu.; Belousova, L. V.; Khrustalev, V. N.
CORPORATE SOURCE: Institute of Physical and Organic Chemistry, Rostov State University, Rostov-on-Don, 344090, Russia
SOURCE: Russian Chemical Bulletin (Translation of Izvestiya Akademii Nauk, Seriya Khimicheskaya) (2003), 52(3), 700-704
CODEN: RCBUEY; ISSN: 1066-5285
PUBLISHER: Kluwer Academic/Consultants Bureau
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:181279
IT 298685-88-8P 326022-03-1P 372508-77-5P
511295-38-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of (hydroxyaryl)(morpholino)methyl indoles and (morpholinoaryl)bis(indolyl)methanes by condensation of methylindole with aminals of substituted salicylaldehydes)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



RN 326022-03-1 CAPLUS
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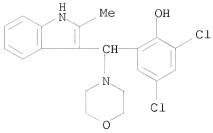
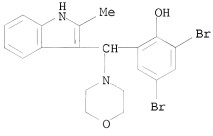
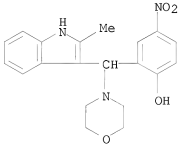


RN 372508-77-5 CAPLUS
CN Phenol, 2,4-dibromo-6-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



RN 511295-38-8 CAPLUS
CN Phenol, 2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]-4-nitro- (CA INDEX NAME)

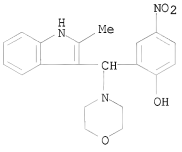


REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN

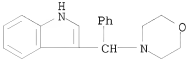
ACCESSION NUMBER:	2002:836574 CAPLUS
DOCUMENT NUMBER:	138:304146
TITLE:	Reactions of nitrogenous derivatives of substituted salicylaldehydes with cyclic ketones and enamines
AUTHOR(S):	Ukhin, L. Yu.; Belousova, L. V.; Orlova, Zh. I.; Shishkina, S. V.; Shishkin, O. V.
CORPORATE SOURCE:	Institute of Physical and Organic Chemistry, Rostov State University, Rostov-on-Don, 344090, Russia
SOURCE:	Russian Chemical Bulletin (Translation of Izvestiya Akademii Nauk, Seriya Khimicheskaya) (2002), 51(7), 1262-1269 CODEN: RCBUEY; ISSN: 1066-5285
PUBLISHER:	Kluwer Academic/Consultants Bureau
DOCUMENT TYPE:	Journal

LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:304146
IT 511295-38-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of cycloheptachromenes and substituted hexahydroxanthenes via reactions of nitrogenous derivs. of substituted salicylaldehydes with cyclic ketones and enamines)
RN 511295-38-8 CAPLUS
CN Phenol, 2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]-4-nitro- (CA INDEX NAME)



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2001:779971 CAPLUS
DOCUMENT NUMBER: 136:216298
TITLE: Lithium perchlorate assisted one-pot three-component aminoalkylation of electron-rich aromatic compounds
AUTHOR(S): Saidi, Mohammad R.; Azizi, Najmoddin; Naimi-Jamal, M. Reza
CORPORATE SOURCE: Department of Chemistry, Sharif University of Technology, Tehran, Iran
SOURCE: Tetrahedron Letters (2001), 42(45), 8111-8113
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 136:216298
IT 402618-29-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(three-component aminoalkylation of aldehydes and trimethylsilyldialkylamines and hydroxyarenes using lithium perchlorate catalyst)
RN 402618-29-5 CAPLUS
CN 1H-Indole, 3-(4-morpholinylphenylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 36 THERE ARE 36 CAPLUS RECORDS THAT CITE THIS RECORD (36 CITINGS)
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

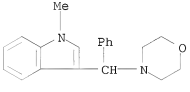
L3 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2001:489366 CAPLUS
DOCUMENT NUMBER: 135:92541
TITLE: Preparation of a substance library from iminium salts and naphthalene, pyrrole, and/or indole compounds and use of the library in discovery of active compounds.
INVENTOR(S): Gerlach, Matthias; Maul, Corinna
PATENT ASSIGNEE(S): Gruenenthal G.m.b.H., Germany
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001047882	A2	20010705	WO 2000-EP12973	20001220
WO 2001047882	A3	20020530		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DE 19963177	A1	20010712	DE 1999-19963177	19991227
PRIORITY APPLN. INFO.:			DE 1999-19963177 A	19991227

OTHER SOURCE(S): MARPAT 135:92541
IT 348136-83-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of a substance library from iminium salts and naphthalene, pyrrole, and/or indole compds. and use of the library in discovery of active compds)
RN 348136-83-4 CAPLUS
CN 1H-Indole, 1-methyl-3-(4-morpholinylphenylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

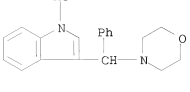
L3 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2001:488531 CAPLUS
DOCUMENT NUMBER: 135:92540
TITLE: Preparation of 3-[amino(aryl)methyl]indoles as analgesics
INVENTOR(S): Maul, Corinna; Gerlach, Matthias
PATENT ASSIGNEE(S): Gruenenthal G.m.b.H., Germany
SOURCE: Ger. Offen., 40 pp.

CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

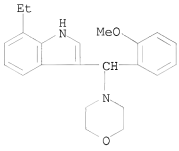
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19963178	A1	20010705	DE 1999-19963178	19991227
CA 2392866	A1	20010705	CA 2000-2392866	20001220
WO 2001047885	A1	20010705	WO 2000-EP12974	20001220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000016747	A	20020903	BR 2000-16747	20001220
EP 1261585	A1	20021204	EP 2000-991219	20001220
EP 1261585	B1	20070926		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
HU 2002003873	A2	20030328	HU 2002-3873	20001220
HU 2002003873	A3	20050329		
JP 2003519124	T	20030617	JP 2001-549357	20001220
NZ 518876	A	20050225	NZ 2000-518876	20001220
AU 782585	B2	20050811	AU 2001-31610	20001220
CN 1219763	C	20050921	CN 2000-817731	20001220
RU 2265594	C2	20051210	RU 2002-120478	20001220
AT 374184	T	20071015	AT 2000-991219	20001220
PT 1261585	E	20071211	PT 2000-991219	20001220
ES 2293935	T3	20080401	ES 2000-991219	20001220
ZA 2002003444	A	20030430	ZA 2002-3444	20020430
MX 2002005123	A	20030414	MX 2002-5123	20020522
NO 2002002803	A	20020612	NO 2002-2803	20020612
US 20030060497	A1	20030327	US 2002-168985	20020626
US 7091220	B2	20060815		
HK 1051367	A1	20071207	HK 2003-103625	20030522

PRIORITY APPLN. INFO.: DE 1999-19963178 A 19991227
WO 2000-EP12974 W 20001220

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 135:92540
IT 348136-83-4P 348136-99-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aminoarylmethylindoles as analgesics)
RN 348136-83-4 CAPLUS
CN 1H-Indole, 1-methyl-3-(4-morpholinylphenylmethyl)- (CA INDEX NAME)

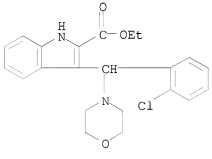


RN 348136-99-2 CAPLUS
CN 1H-Indole, 7-ethyl-3-[(2-methoxyphenyl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1983:143226 CAPLUS
DOCUMENT NUMBER: 98:143226
ORIGINAL REFERENCE NO.: 98:21813a,21816a
TITLE: New synthesis of substituted gramines
AUTHOR(S): Vlasova, M. I.; Kogan, N. A.
CORPORATE SOURCE: Khim.-Farm. Inst., Leningrad, 197022, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1983), (1), 49-54
CODEN: KGSSAQ; ISSN: 0453-8234
DOCUMENT TYPE: Journal
LANGUAGE: Russian
IT 85138-12-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 85138-12-1 CAPLUS
CN 1H-Indole-2-carboxylic acid, 3-[(2-chlorophenyl)-4-morpholinylmethyl]-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

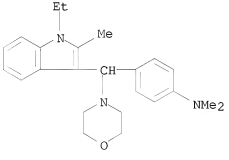
L3 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1982:105804 CAPLUS
DOCUMENT NUMBER: 96:105804
ORIGINAL REFERENCE NO.: 96:17395a,17398a

TITLE: Substituted 1H-indoles and duplicating and marking systems comprising them
INVENTOR(S): Schmidt, Paul Joseph; Hung, William Mo Wei
PATENT ASSIGNEE(S): Sterling Drug Inc., USA
SOURCE: Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 35775	A2	19810916	EP 1981-101652	19810306
EP 35775	A3	19820414		
R: CH, DE, FR, GB				
US 4341402	A	19820727	US 1980-127650	19800306
CA 1162191	A1	19840214	CA 1981-372329	19810305
BR 8101316	A	19810908	BR 1981-1316	19810306
JP 56139459	A	19811030	JP 1981-32399	19810306
US 4398030	A	19830809	US 1982-341951	19820122
US 4507483	A	19850326	US 1983-473760	19830309
US 4636820	A	19870113	US 1985-692093	19850117

PRIORITY APPLN. INFO.: US 1980-127650 A 19800306
US 1982-341951 A3 19820122
US 1983-473760 A3 19830309

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): CASREACT 96:105804; MARPAT 96:105804
IT 80397-60-0
RL: USES (Uses)
(color former, for pressure-sensitive duplicating and thermal marking systems, preparation of)
RN 80397-60-0 CAPLUS
CN Benzenamine, 4-[(1-ethyl-2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]-N,N-dimethyl- (CA INDEX NAME)



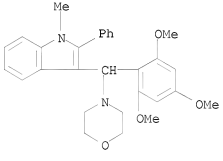
OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L3 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1976:10943 CAPLUS
DOCUMENT NUMBER: 84:10943
ORIGINAL REFERENCE NO.: 84:1753a,1756a
TITLE: Free-radical photocopy system
INVENTOR(S): Lemahieu, Raymond G.; Laridon, Urbain L.
PATENT ASSIGNEE(S): Agfa-Gevaert A.-G., Fed. Rep. Ger.
SOURCE: Ger. Offen., 28 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2459213	A1	19750703	DE 1974-2459213	19741214
BE 822975	A2	19750605	BE 1974-1006309	19741205
GB 1485379	A	19770908	GB 1973-58782	19741209
US 4008085	A	19770215	US 1974-533890	19741218

PRIORITY APPLN. INFO.: GB 1973-58782 A 19731219
IT 53711-54-9
RL: USES (Uses)
(photosensitive free-radical composition containing polyhalogens and, for photoduplication)
RN 53711-54-9 CAPLUS
CN 1H-Indole, 1-methyl-3-[4-morpholinyl(2,4,6-trimethoxyphenyl)methyl]-2-phenyl- (CA INDEX NAME)

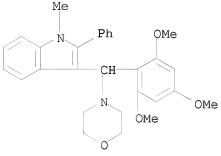


L3 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1974:544255 CAPLUS
DOCUMENT NUMBER: 81:144255
ORIGINAL REFERENCE NO.: 81:22513a,22516a
TITLE: Heat-sensitive recording and copying materials and their use in thermography
INVENTOR(S): Lemahieu, Raymond G.; Janssens, Wilhelmus; Claeys, Daniel A.
PATENT ASSIGNEE(S): Agfa-Gevaert A.-G.
SOURCE: Ger. Offen., 30 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2363453	A1	19740704	DE 1973-2363453	19731220
BE 808753	A2	19740618	BE 1973-1005589	19731218
FR 2212788	A5	19740726	FR 1973-45634	19731218
GB 1456208	A	19761124	GB 1972-59842	19731219
JP 49098642	A	19740918	JP 1974-4742	19731226
US 3957288	A	19760518	US 1973-426688	19731227
CA 1001846	A1	19761221	CA 1973-189006	19731227
IT 1003278	B	19760610	IT 1973-32336	19731228

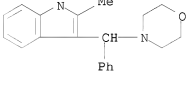
PRIORITY APPLN. INFO.: GB 1972-59842 A 19721228

IT 53711-54-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 53711-54-9 CAPLUS
CN 1H-Indole, 1-methyl-3-[4-morpholinyl(2,4,6-trimethoxyphenyl)methyl]-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L3 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1968:58856 CAPLUS
DOCUMENT NUMBER: 68:58856
ORIGINAL REFERENCE NO.: 68:11359a,11362a
TITLE: Reaction of indolenine salts with nucleophiles
AUTHOR(S): Huffman, Robert W.; Bruice, Thomas C.
CORPORATE SOURCE: Univ. of California, Santa Barbara, CA, USA
SOURCE: Journal of the American Chemical Society (1967), 89(24), 6243-51
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 19006-16-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19006-16-7 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinylphenylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

=> FIL STNGUIDE

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FULL ESTIMATED COST	56.13	248.38

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FULL ESTIMATED COST 0.63 249.01

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DICTIONARY FILE UPDATES: 29 SEP 2010 HIGHEST RN 1243818-26-9

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 5.88 254.89

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provided by InfoChem.

STRUCTURE FILE UPDATES: 30 SEP 2010 HIGHEST RN 1244125-02-7
DICTIONARY FILE UPDATES: 30 SEP 2010 HIGHEST RN 1244125-02-7

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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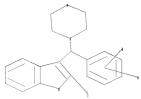

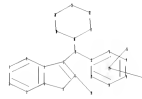

chain nodes :
11 24 26 28
ring nodes :
1 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 21 22 23
chain bonds :
7-11 8-24 11-12 11-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 12-13 12-17 13-14 14-15 15-16
16-17 18-19 18-23 19-20 20-21 21-22 22-23
exact/norm bonds :
6-9 8-9 8-24 11-18 18-19 18-23 19-20 20-21 21-22 22-23
exact bonds :
5-7 7-8 7-11 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 :

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:CLASS 26:CLASS 27:Atom 28:CLASS 29:Atom

L4   STRUCTURE UPLOADED

=> s l4 sss ful
FULL SEARCH INITIATED 07:17:28 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   54 TO ITERATE

100.0% PROCESSED   54 ITERATIONS   4 ANSWERS
SEARCH TIME: 00.00.01

L5   4 SEA SSS FUL L4

=> file capl
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                       ENTRY   SESSION
FULL ESTIMATED COST   191.54   446.43

FILE 'CAPLUS' ENTERED AT 07:17:31 ON 01 OCT 2010
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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

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http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l5
L6   4 L5

=> d l6 1-4 ibib hitstr

L6   ANSWER 1 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:371214 CAPLUS
DOCUMENT NUMBER: 142:430155

TITLE: Azepines, azetidinones, and related compounds as dipeptidyl peptidase IV inhibitors for treating immunological, inflammatory, neuronal, and other diseases.

INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Taeger, Michael; Striggow, Frank

PATENT ASSIGNEE(S): Institut Fuer Medizintechnologie Magdeburg IMTM GmbH, Germany; Keyneurotek Ag

SOURCE: PCT Int. Appl., 295 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037779	A2	20050428	WO 2004-EP11645	20041015
WO 2005037779	A3	20050707		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348022	A1	20050525	DE 2003-10348022	20031015
AU 2004281959	A1	20050428	AU 2004-281959	20041015
AU 2004281959	B2	20090723		
AU 2004281959	B9	20091126		
CA 2542807	A1	20050428	CA 2004-2542807	20041015
EP 1675594	A2	20060705	EP 2004-790487	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1889960	A	20070103	CN 2004-80034815	20041015
JP 2008500270	T	20080110	JP 2006-534708	20041015
US 20070037785	A1	20070215	US 2006-575883	20060915

PRIORITY APPLN. INFO.: DE 2003-10348022 A 20031015
WO 2004-EP11645 W 20041015

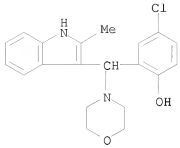
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:430155

IT 298685-88-8
RL: BSU (Biological study, unclassified); COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(dipeptidyl peptidase IV inhibitors and their use in pharmaceutical or cosmetic compns.)

RN 298685-88-8 CAPLUS

CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:369265 CAPLUS
DOCUMENT NUMBER: 142:423892
TITLE: Alanyl aminopeptidase inhibitors for functionally influencing different cells and treating immunological, inflammatory, neuronal, and other diseases
INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank
PATENT ASSIGNEE(S): Institut Fur Medizintechnologie Magdeburg GmbH IMTM, Germany; Keyneurotek AG
SOURCE: PCT Int. Appl., 332 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037257	A2	20050428	WO 2004-EP11643	20041015
WO 2005037257	A3	20060914		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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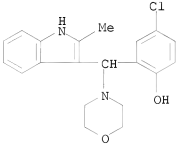
DE 10348023	A1	20050519	DE 2003-10348023	20031015
AU 2004281536	A1	20050428	AU 2004-281536	20041015
AU 2004281536	B2	20090709		
AU 2004281536	B9	20091008		
CA 2542723	A1	20050428	CA 2004-2542723	20041015
EP 1673075	A2	20060628	EP 2004-790485	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1897928	A	20070117	CN 2004-80036456	20041015
JP 2007508349	T	20070405	JP 2006-534706	20041015
US 20070037752	A1	20070215	US 2006-575882	20060915

PRIORITY APPLN. INFO.: DE 2003-10348023 A 20031015
WO 2004-EP11643 W 20041015
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 142:423892
IT 298685-88-8
RL: DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase inhibitors for treatment of immunol., inflammatory, neuronal, and other diseases)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:346852 CAPLUS
DOCUMENT NUMBER: 142:386029
TITLE: Dual alanyl aminopeptidase and dipeptidyl peptidase IV inhibitors for functionally influencing different cells and for treating immunological, inflammatory, neuronal and other diseases
INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank
PATENT ASSIGNEE(S): Institut fur Medizintechnologie Magdeburg IMTM G.m.b.H., Germany; Keyneurotek A.-G. Zenit Technologiepark
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034940	A2	20050421	WO 2004-EP11644	20041015
WO 2005034940	A3	20051208		
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,			

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SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

DE 10348044	A1	20050519	DE 2003-10348044		20031015
AU 2004280090	A1	20050421	AU 2004-280090		20041015
AU 2004280090	B2	20090813			
CA 2542592	A1	20050421	CA 2004-2542592		20041015
EP 1673082	A2	20060628	EP 2004-790486		20041015
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CN 1882332	A	20061220	CN 2004-80033900		20041015
JP 2007508350	T	20070405	JP 2006-534707		20041015
EP 2105441	A1	20090930	EP 2009-160132		20041015
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US 20070078130	A1	20070405	US 2006-575878		20060915

PRIORITY APPLN. INFO.: DE 2003-10348044 A 20031015
EP 2004-790486 A3 20041015
WO 2004-EP11644 W 20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:386029

IT 298685-88-8
RL: COS (Cosmetic use); DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase-dipeptidyl peptidase IV dual inhibitors for treating immunol., inflammatory, neuronal, and other diseases)

RN 298685-88-8 CAPLUS

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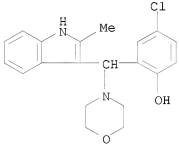

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REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2003:566659 CAPLUS

DOCUMENT NUMBER: 140:181279

TITLE: Reactions of 2-methylindole with morpholinals of substituted salicylaldehydes

AUTHOR(S): Ukhin, L. Yu.; Belousova, L. V.; Khrustalev, V. N.

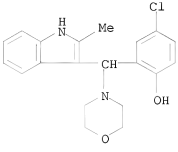
CORPORATE SOURCE: Institute of Physical and Organic Chemistry, Rostov State University, Rostov-on-Don, 344090, Russia

SOURCE: Russian Chemical Bulletin (Translation of Izvestiya Akademii Nauk, Seriya Khimicheskaya) (2003), 52(3), 700-704
CODEN: RCBUEY; ISSN: 1066-5285

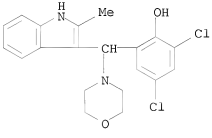
PUBLISHER: Kluwer Academic/Consultants Bureau

DOCUMENT TYPE: Journal

LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:181279
IT 298685-88-8P 326022-03-1P 372508-77-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of (hydroxyaryl)(morpholino)methyl indoles and (morpholinoaryl)bis(indolyl)methanes by condensation of methylindole with aminals of substituted salicylaldehydes)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



RN 326022-03-1 CAPLUS
CN Phenol, 2,4-dichloro-6-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



RN 372508-77-5 CAPLUS
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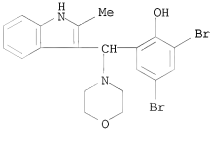

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST                                     16.54     462.97

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 24, 2010 (20100924/UP).

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                      0.21     463.18

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STRUCTURE FILE UPDATES:   30 SEP 2010  HIGHEST RN 1244125-02-7
DICTIONARY FILE UPDATES:  30 SEP 2010  HIGHEST RN 1244125-02-7

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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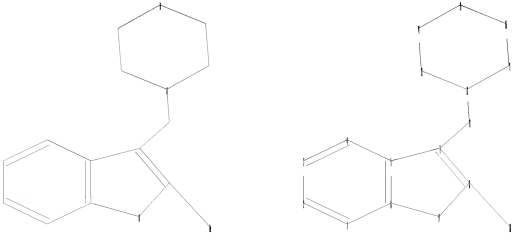

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11  18
ring nodes :
1  2  3  4  5  6  7  8  9  12  13  14  15  16  17
chain bonds :
7-11  8-18  11-12
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9  12-13  12-17  13-14  14-15  15-16
 16-17
exact/norm bonds :
6-9  8-9  11-12  12-13  12-17  13-14  14-15  15-16  16-17
exact bonds :
5-7  7-8  7-11  8-18
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  11:CLASS
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L7      STRUCTURE UPLOADED

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FULL SEARCH INITIATED 07:20:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     2704 TO ITERATE

100.0% PROCESSED     2704 ITERATIONS                                 95 ANSWERS
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FILE 'CAPLUS' ENTERED AT 07:20:57 ON 01 OCT 2010
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FILE COVERS 1907 - 1 Oct 2010  VOL 153 ISS 15
FILE LAST UPDATED: 30 Sep 2010  (20100930/ED)
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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L9 38 L8

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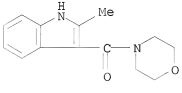
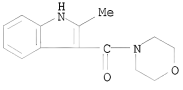
L9 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2010:961286 CAPLUS
DOCUMENT NUMBER: 153:333831
TITLE: Fe(II)-Catalyzed Amination of Aromatic C-H Bonds via Ring Opening of 2H-Azirines: Synthesis of 2,3-Disubstituted Indoles
AUTHOR(S): Jana, Samaresh; Clements, Mack D.; Sharp, Barry K.; Zheng, Nan
CORPORATE SOURCE: Department of Chemistry and Biochemistry, University of Arkansas, Fayetteville, AR, 72701, USA
SOURCE: Organic Letters (2010), 12(17), 3736-3739
CODEN: ORLEF7; ISSN: 1523-7060
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 928028-45-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of 2,3-disubstituted indoles via amination of aromatic C-H bonds through FeCl2-catalyzed ring opening of 2H-azirines)
RN 928028-45-9 CAPLUS
CN Methanone, (2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2010:923954 CAPLUS
DOCUMENT NUMBER: 153:333827
TITLE: Pd(II)-catalyzed synthesis of indoles from α-aryloxime O-pentafluorobenzoates via intramolecular aromatic C-H amination
AUTHOR(S): Chiba, Shunsuke; Zhang, Line; Sanjaya, Stephen; Ang, Gim Yean
CORPORATE SOURCE: Division of Chemistry and Biological Chemistry, School of Physical and Mathematical Sciences, Nanyang

Technological University, Singapore, 637371, Singapore
SOURCE: Tetrahedron (2010), 66(30), 5692-5700
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER: Elsevier Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 928028-45-9P 1240633-17-3P 1240633-19-5P
1240633-20-8P 1240633-22-0P 1240633-24-2P
1240633-25-3P 1240633-27-5P 1240633-28-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of indoles from α-aryloxime O-pentafluorobenzoates via intramol. aromatic C-H amination catalyzed by PdCl2(MeCN)2 in the presence of MgO)
RN 928028-45-9 CAPLUS
CN Methanone, (2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



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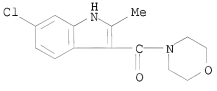

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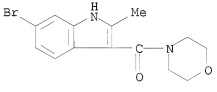

RN 1240633-20-8 CAPLUS
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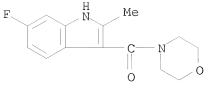

RN 1240633-22-0 CAPLUS
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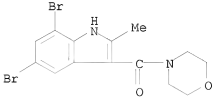
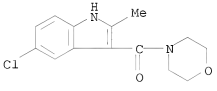
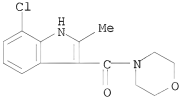


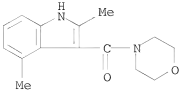
RN 1240633-24-2 CAPLUS
CN Methanone, (5-chloro-2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



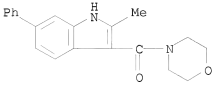
RN 1240633-25-3 CAPLUS
CN Methanone, (7-chloro-2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



RN 1240633-27-5 CAPLUS
CN Methanone, (2,4-dimethyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



RN 1240633-28-6 CAPLUS
CN Methanone, (2-methyl-6-phenyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



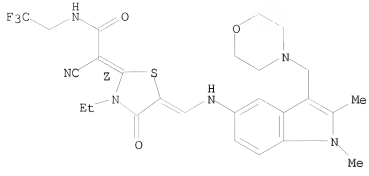
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2010:10755 CAPLUS
DOCUMENT NUMBER: 152:144693
TITLE: Preparation of thiazolidinones as inhibitors of polo-like kinases
INVENTOR(S): Schulze, Volker; Cleve, Arwed; Kosemund, Dirk; Siemeister, Gerhard; Suelzle, Detlev; Hillig, Roman; Piechowiak, Guido; Eberspaecher, Uwe; Husemann, Manfred; Fanghaenel, Joerg
PATENT ASSIGNEE(S): Bayer Schering Pharma Aktiengesellschaft, Germany
SOURCE: Eur. Pat. Appl., 265pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 2141163	A1	20100106	EP 2008-75602	20080702
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
PRIORITY APPLN. INFO.:			EP 2008-75602	20080702

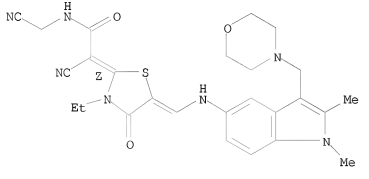
OTHER SOURCE(S): MARPAT 152:144693
IT 1203664-62-3P 1203664-63-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thiazolidinones as inhibitors of polo-like kinases)
RN 1203664-62-3 CAPLUS
CN Acetamide, 2-cyano-2-[5-[[[1,2-dimethyl-3-(4-morpholinylmethyl)-1H-indol-5-yl]amino]methylene]-3-ethyl-4-oxo-2-thiazolidinylidene]-N-(2,2,2-trifluoroethyl)-, (2Z)- (CA INDEX NAME)

Double bond geometry as described by E or Z.

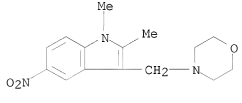


RN 1203664-63-4 CAPLUS
CN Acetamide, 2-cyano-N-(cyanomethyl)-2-[5-[[[1,2-dimethyl-3-(4-morpholinylmethyl)-1H-indol-5-yl]amino]methylene]-3-ethyl-4-oxo-2-thiazolidinylidene]-, (2Z)- (CA INDEX NAME)

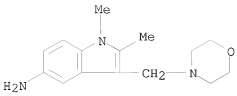
Double bond geometry as described by E or Z.



IT 1203667-60-0P 1203667-97-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of thiazolidinones as inhibitors of polo-like kinases)
RN 1203667-60-0 CAPLUS
CN 1H-Indole, 1,2-dimethyl-3-(4-morpholinylmethyl)-5-nitro- (CA INDEX NAME)

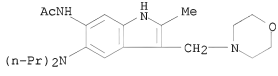


RN 1203667-97-3 CAPLUS
CN 1H-Indol-5-amine, 1,2-dimethyl-3-(4-morpholinylmethyl)- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:633622 CAPLUS
DOCUMENT NUMBER: 151:77851
TITLE: Substituent Diversity-Directed Synthesis of Indole Derivatives
AUTHOR(S): Wang, Dong Mei; Sun, Ming Na; Liu, Gang
CORPORATE SOURCE: Institute of Materia Medica, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, 100050, Peop. Rep. China
SOURCE: Journal of Combinatorial Chemistry (2009), 11(4), 556-575
CODEN: JCCHFF; ISSN: 1520-4766
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 151:77851
IT 1161394-87-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(substituent diversity-directed synthesis of 1H-indoles and 1-hydroxyindoles starting from 1,5-difluoro-2,4-dinitrobenzene)
RN 1161394-87-1 CAPLUS
CN Acetamide, N-[5-(dipropylamino)-2-methyl-3-(4-morpholinylmethyl)-1H-indol-6-yl]- (CA INDEX NAME)

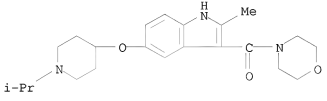


REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

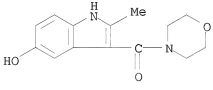
L9 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:605696 CAPLUS
DOCUMENT NUMBER: 151:48499
TITLE: 5-Hydroxyindole-2-carboxylic Acid Amides: Novel Histamine-3 Receptor Inverse Agonists for the Treatment of Obesity
AUTHOR(S): Pierson, Pascale David; Fettes, Alec; Freichel, Christian; Gatti-McArthur, Silvia; Hertel, Cornelia; Huwyler, Jorg; Mohr, Peter; Nakagawa, Toshito; Nettekoven, Matthias; Plancher, Jean-Marc; Raab, Susanne; Richter, Hans; Roche, Olivier; Rodriguez Sarmiento, Rosa Maria; Schmitt, Monique; Schuler, Franz; Takahashi, Tadakatsu; Taylor, Sven; Ullmer, Christoph; Wiegand, Ruby

CORPORATE SOURCE: F. Hoffmann-La Roche Ltd., Basel, CH-4070, Switz.
SOURCE: Journal of Medicinal Chemistry (2009), 52(13), 3855-3868
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 151:48499

IT 1160606-04-1P
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(5-Hydroxyindole-2-carboxylic acid amides: novel histamine-3 receptor inverse agonists for the treatment of obesity)
RN 1160606-04-1 CAPLUS
CN Methanone, [2-methyl-5-[[1-(1-methylethyl)-4-piperidinyl]oxy]-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



IT 118052-59-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(5-Hydroxyindole-2-carboxylic acid amides: novel histamine-3 receptor inverse agonists for the treatment of obesity)
RN 118052-59-8 CAPLUS
CN Methanone, (5-hydroxy-2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 87 THERE ARE 87 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:7300 CAPLUS
DOCUMENT NUMBER: 150:89742
TITLE: Discovery of Novel CB2 Receptor Ligands by a Pharmacophore-Based Virtual Screening Workflow
AUTHOR(S): Markt, Patrick; Feldmann, Clemens; Rollinger, Judith Maria; Raduner, Stefan; Schuster, Daniela; Kirchmair, Johannes; Distinto, Simona; Spitzer, Gudrun Maria; Wolber, Gerhard; Laggner, Christian; Altmann, Karl-Heinz; Langer, Thierry; Gertsch, Jurg
CORPORATE SOURCE: Department of Pharmaceutical Chemistry and Department

of Pharmacognosy, Institute of Pharmacy and Center for Molecular Biosciences Innsbruck (CMBI), University of Innsbruck, Innsbruck, 6020, Austria

SOURCE: Journal of Medicinal Chemistry (2009), 52(2), 369-378
CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

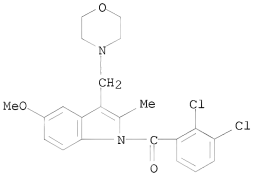
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 182880-48-4
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(discovery of CB2 receptor ligands by a pharmacophore-based virtual screening workflow)

RN 182880-48-4 CAPLUS

CN Methanone, (2,3-dichlorophenyl)[5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:1383655 CAPLUS

DOCUMENT NUMBER: 149:575982

TITLE: Reductive aminations of carbonyl compounds with borohydride and borane reducing agents

AUTHOR(S): Baxter, Ellen W.; Reitz, Allen B.

CORPORATE SOURCE: The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, USA

SOURCE: Organic Reactions (Hoboken, NJ, United States) (2002), 59, No pp. given
CODEN: ORHNBA
URL: http://www3.interscience.wiley.com/cgi-bin/mrwhome/107610747/HOME

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal; General Review; (online computer file)

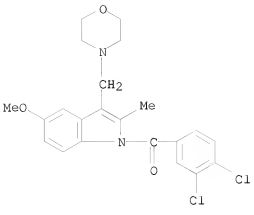
LANGUAGE: English

OTHER SOURCE(S): CASREACT 149:575982

IT 1071183-91-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(Reductive Aminations of Carbonyl Compds. with Borohydride and Borane Reducing Agents)

RN 1071183-91-9 CAPLUS

CN Methanone, (3,4-dichlorophenyl)[5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]- (CA INDEX NAME)



L9 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2007:642442 CAPLUS
DOCUMENT NUMBER: 147:72771
TITLE: Preparation of morpholinecarboxamides as prokineticin 2 receptor antagonists
INVENTOR(S): Thompson, Wayne J.; Melamed, Jeffrey Y.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

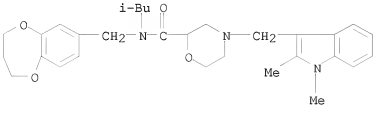
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007067511	A2	20070614	WO 2006-US46330	20061204
WO 2007067511	A3	20080110		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
AU 2006322067	A1	20070614	AU 2006-322067	20061204
CA 2630517	A1	20070614	CA 2006-2630517	20061204
EP 1959959	A2	20080827	EP 2006-838978	20061204
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2009518409	T	20090507	JP 2008-544427	20061204
US 20090306076	A1	20091210	US 2008-85978	20080603
PRIORITY APPLN. INFO.:			US 2005-742770P P	20051206
			US 2006-830242P P	20060712
			US 2006-856984P P	20061106
			WO 2006-US46330 W	20061204

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): CASREACT 147:72771; MARPAT 147:72771
IT 941708-81-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of morpholinecarboxamides as prokineticin 2 receptor antagonists)

RN 941708-81-2 CAPLUS

CN 2-Morpholinecarboxamide, N-[(3,4-dihydro-2H-1,5-benzodioxepin-7-yl)methyl]-4-[(1,2-dimethyl-1H-indol-3-yl)methyl]-N-(2-methylpropyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L9 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:92508 CAPLUS

DOCUMENT NUMBER: 146:295715

TITLE: Rh(II)-catalyzed isomerization of 2-aryl-2H-azirines to 2,3-disubstituted indoles

AUTHOR(S): Chiba, Shunsuke; Hattori, Gaku; Narasaka, Koichi

CORPORATE SOURCE: Department of Chemistry, Graduate School of Science, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-0033, Japan

SOURCE: Chemistry Letters (2007), 36(1), 52-53
CODEN: CMLTAG; ISSN: 0366-7022

PUBLISHER: Chemical Society of Japan

DOCUMENT TYPE: Journal

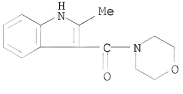
LANGUAGE: English

OTHER SOURCE(S): CASREACT 146:295715

IT 928028-45-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(isomerization of arylazirines to indoles catalyzed by rhodium)

RN 928028-45-9 CAPLUS

CN Methanone, (2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



OS.CITING REF COUNT: 15 THERE ARE 15 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

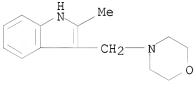
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:598734 CAPLUS

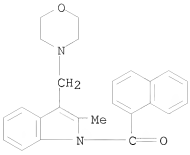
DOCUMENT NUMBER: 145:264679

TITLE: 5,6-dichloro-1-methylgramine, a non-toxic antifoulant derived from a marine natural product
AUTHOR(S): Kawamata, M.; Kon-ya, K.; Miki, W.
CORPORATE SOURCE: Hydraulic and Bio Engineering Research Section, Civil Engineering Research Institute, Technology Center, Taisei Corporation, 344-1, Nase-cho, Totsuka-ku, Yokohama, 245-0051, Japan
SOURCE: Progress in Molecular and Subcellular Biology (2006), 42(Antifouling Compounds), 125-139
CODEN: PMSBA4; ISSN: 0079-6484
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 160523-20-6
RL: AGR (Agricultural use); PRP (Properties); BIOL (Biological study); USES (Uses)
(5,6-dichloro-1-methylgramine, a non-toxic antifoulant derived from a marine natural product)
RN 160523-20-6 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinylmethyl)- (CA INDEX NAME)

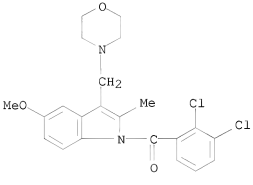


OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:45050 CAPLUS
DOCUMENT NUMBER: 144:120938
TITLE: Cannabinoid CB2/CB1 Selectivity. Receptor Modeling and Automated Docking Analysis
AUTHOR(S): Tuccinardi, Tiziano; Ferrarini, Pier Luigi; Manera, Clementina; Ortore, Gabriella; Saccomanni, Giuseppe; Martinelli, Adriano
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Universita di Pisa, Pisa, 56126, Italy
SOURCE: Journal of Medicinal Chemistry (2006), 49(3), 984-994
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 180002-80-6 182880-48-4
RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study)
(cannabinoid CB2/CB1 selectivity and receptor modeling and automated docking anal.)
RN 180002-80-6 CAPLUS
CN Methanone, [2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]-1-naphthalenyl- (CA INDEX NAME)



RN 182880-48-4 CAPLUS
CN Methanone, (2,3-dichlorophenyl)[5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]- (CA INDEX NAME)



OS.CITING REF COUNT: 43 THERE ARE 43 CAPLUS RECORDS THAT CITE THIS RECORD (44 CITINGS)
REFERENCE COUNT: 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:1350320 CAPLUS
DOCUMENT NUMBER: 144:69869
TITLE: Preparation of novel oxabispidine compounds and their use in the treatment of cardiac arrhythmias
INVENTOR(S): Bjoere, Annika; Bonn, Peter; Gran, Ulrik; Kajanus, Johan; Olsson, Christina; Ponten, Fritiof
PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
SOURCE: PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005123748	A1	20051229	WO 2005-SE891	20050613

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,

ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU	2005254924	A1	20051229	AU 2005-254924	20050613
AU	2005254924	B2	20090827		
CA	2568895	A1	20051229	CA 2005-2568895	20050613
EP	1765832	A1	20070328	EP 2005-752679	20050613

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU

CN	1968956	A	20070523	CN 2005-80019259	20050613
JP	2008502678	T	20080131	JP 2007-516430	20050613
BR	2005012012	A	20080206	BR 2005-12012	20050613
SG	153822	A1	20090729	SG 2009-4004	20050613
CN	101525339	A	20090909	CN 2009-10134138	20050613
RU	2379311	C2	20100120	RU 2006-145202	20050613
AR	49823	A1	20060906	AR 2005-102431	20050614
AU	2006258293	A1	20061221	AU 2006-258293	20060612
AU	2006258293	B2	20100617		
CA	2609938	A1	20061221	CA 2006-2609938	20060612
WO	2006135316	A1	20061221	WO 2006-SE688	20060612

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

AR	57064	A1	20071114	AR 2006-102458	20060612
EP	1893619	A1	20080305	EP 2006-747881	20060612

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU

JP	2008543750	T	20081204	JP 2008-515658	20060612
IN	2006DN07282	A	20070427	IN 2006-DN7282	20061204
ZA	2006010418	A	20080730	ZA 2006-10418	20061212
US	20090005558	A1	20090101	US 2006-570451	20061212
US	7648985	B2	20100119		
MX	2006014692	A	20070212	MX 2006-14692	20061214
NO	2007000148	A	20070109	NO 2007-148	20070109
KR	2007039045	A	20070411	KR 2007-7000930	20070115
ZA	2007010111	A	20090826	ZA 2007-10111	20071122
NO	2007006052	A	20080311	NO 2007-6052	20071126
IN	2007DN09232	A	20080118	IN 2007-DN9232	20071130
MX	2007015800	A	20080304	MX 2007-15800	20071212
KR	2008021114	A	20080306	KR 2008-7000158	20080103
CN	101243093	A	20080813	CN 2006-80029416	20080213
US	20090054422	A1	20090226	US 2008-917195	20080529
US	20090270383	A1	20091029	US 2009-497792	20090706
AU	2009222548	A1	20091022	AU 2009-222548	20091002

PRIORITY APPLN. INFO.:	SE 2004-1539	A	20040615
	AU 2005-254924	A3	20050613
	CN 2005-80019259	A3	20050613
	WO 2005-SE891	W	20050613

	SE 2005-2775	A	20051215
	WO 2006-SE688	W	20060612
	US 2006-570451	A1	20061212

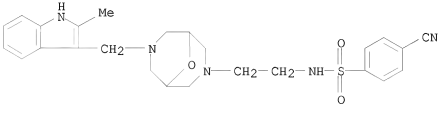
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 144:69869; MARPAT 144:69869

IT 872046-92-9P, 4-Cyano-N-[2-[7-[(2-methyl-1H-indol-3-yl)methyl]-9-oxa-3,7-diazabicyclo[3.3.1]non-3-yl]ethyl]benzenesulfonamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of novel oxabispidine compds. and their use in treatment of cardiac arrhythmias)

RN 872046-92-9 CAPLUS

CN Benzenesulfonamide, 4-cyano-N-[2-[7-[(2-methyl-1H-indol-3-yl)methyl]-9-oxa-3,7-diazabicyclo[3.3.1]non-3-yl]ethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:371214 CAPLUS

DOCUMENT NUMBER: 142:430155

TITLE: Azepines, azetidinones, and related compounds as dipeptidyl peptidase IV inhibitors for treating immunological, inflammatory, neuronal, and other diseases.

INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Taeger, Michael; Striggow, Frank

PATENT ASSIGNEE(S): Institut Fuer Medizintechnologie Magdeburg IMTM GmbH, Germany; Keyneurotek Ag

SOURCE: PCT Int. Appl., 295 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037779	A2	20050428	WO 2004-EP11645	20041015
WO 2005037779	A3	20050707		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,

EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10348022	A1	20050525	DE 2003-10348022		20031015
AU 2004281959	A1	20050428	AU 2004-281959		20041015
AU 2004281959	B2	20090723			
AU 2004281959	B9	20091126			
CA 2542807	A1	20050428	CA 2004-2542807		20041015
EP 1675594	A2	20060705	EP 2004-790487		20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK					
CN 1889960	A	20070103	CN 2004-80034815		20041015
JP 2008500270	T	20080110	JP 2006-534708		20041015
US 20070037785	A1	20070215	US 2006-575883		20060915
PRIORITY APPLN. INFO.:			DE 2003-10348022	A	20031015
			WO 2004-EP11645	W	20041015

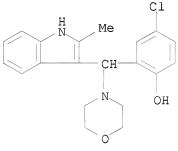
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:430155

IT 298685-88-8
RL: BSU (Biological study, unclassified); COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(dipeptidyl peptidase IV inhibitors and their use in pharmaceutical or cosmetic compns.)

RN 298685-88-8 CAPLUS

CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT:	8	THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	2005:369265 CAPLUS
DOCUMENT NUMBER:	142:423892
TITLE:	Alanyl aminopeptidase inhibitors for functionally influencing different cells and treating immunological, inflammatory, neuronal, and other diseases
INVENTOR(S):	Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank
PATENT ASSIGNEE(S):	Institut Fur Medizintechnologie Magdeburg GmbH IMTM, Germany; Keyneurotek AG
SOURCE:	PCT Int. Appl., 332 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	German
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005037257	A2	20050428	WO 2004-EP11643	20041015
WO 2005037257	A3	20060914		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348023	A1	20050519	DE 2003-10348023	20031015
AU 2004281536	A1	20050428	AU 2004-281536	20041015
AU 2004281536	B2	20090709		
AU 2004281536	B9	20091008		
CA 2542723	A1	20050428	CA 2004-2542723	20041015
EP 1673075	A2	20060628	EP 2004-790485	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1897928	A	20070117	CN 2004-80036456	20041015
JP 2007508349	T	20070405	JP 2006-534706	20041015
US 20070037752	A1	20070215	US 2006-575882	20060915
PRIORITY APPLN. INFO.:			DE 2003-10348023 A	20031015
			WO 2004-EP11643 W	20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

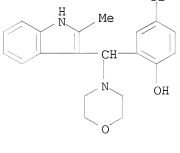
OTHER SOURCE(S): MARPAT 142:423892

IT 298685-88-8

RL: DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase inhibitors for treatment of immunol., inflammatory, neuronal, and other diseases)

RN 298685-88-8 CAPLUS

CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:346852 CAPLUS

DOCUMENT NUMBER: 142:386029

TITLE: Dual alanyl aminopeptidase and dipeptidyl peptidase IV

inhibitors for functionally influencing different cells and for treating immunological, inflammatory, neuronal and other diseases

INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank

PATENT ASSIGNEE(S): Institut fur Medizintechnologie Magdeburg IMTM G.m.b.H., Germany; Keyneurotek A.-G. Zenit Technologiepark

SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034940	A2	20050421	WO 2004-EP11644	20041015
WO 2005034940	A3	20051208		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348044	A1	20050519	DE 2003-10348044	20031015
AU 2004280090	A1	20050421	AU 2004-280090	20041015
AU 2004280090	B2	20090813		
CA 2542592	A1	20050421	CA 2004-2542592	20041015
EP 1673082	A2	20060628	EP 2004-790486	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1882332	A	20061220	CN 2004-80033900	20041015
JP 2007508350	T	20070405	JP 2006-534707	20041015
EP 2105441	A1	20090930	EP 2009-160132	20041015
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 20070078130	A1	20070405	US 2006-575878	20060915

PRIORITY APPLN. INFO.:

DE 2003-10348044	A	20031015
EP 2004-790486	A3	20041015
WO 2004-EP11644	W	20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

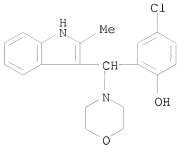
OTHER SOURCE(S): MARPAT 142:386029

IT 298685-88-8 457650-97-4 526189-19-5

RL: COS (Cosmetic use); DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase-dipeptidyl peptidase IV dual inhibitors for treating immunol., inflammatory, neuronal, and other diseases)

RN 298685-88-8 CAPLUS

CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



RN 457650-97-4 CAPLUS
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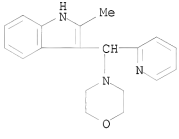
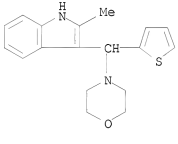


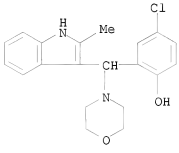
RN 526189-19-5 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinyl-2-thienylmethyl)- (CA INDEX NAME)



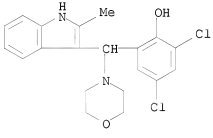
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:566659 CAPLUS
DOCUMENT NUMBER: 140:181279
TITLE: Reactions of 2-methylindole with morpholinals of substituted salicylaldehydes
AUTHOR(S): Ukhin, L. Yu.; Belousova, L. V.; Khrustalev, V. N.
CORPORATE SOURCE: Institute of Physical and Organic Chemistry, Rostov State University, Rostov-on-Don, 344090, Russia
SOURCE: Russian Chemical Bulletin (Translation of Izvestiya Akademii Nauk, Seriya Khimicheskaya) (2003), 52(3), 700-704
CODEN: RCBUEY; ISSN: 1066-5285
PUBLISHER: Kluwer Academic/Consultants Bureau
DOCUMENT TYPE: Journal

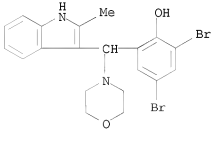
LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:181279
IT 298685-88-8P 326022-03-1P 372508-77-5P
511295-38-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of (hydroxyaryl)(morpholino)methyl indoles and (morpholinoaryl)bis(indolyl)methanes by condensation of methylindole with aminals of substituted salicylaldehydes)
RN 298685-88-8 CAPLUS
CN Phenol, 4-chloro-2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



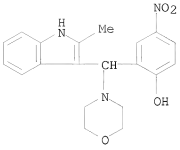
RN 326022-03-1 CAPLUS
CN Phenol, 2,4-dichloro-6-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)



RN 372508-77-5 CAPLUS
CN Phenol, 2,4-dibromo-6-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]- (CA INDEX NAME)

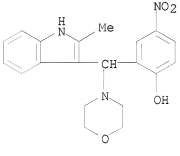


RN 511295-38-8 CAPLUS
CN Phenol, 2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]-4-nitro- (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:836574 CAPLUS
DOCUMENT NUMBER: 138:304146
TITLE: Reactions of nitrogenous derivatives of substituted salicylaldehydes with cyclic ketones and enamines
AUTHOR(S): Ukhin, L. Yu.; Belousova, L. V.; Orlova, Zh. I.; Shishkina, S. V.; Shishkin, O. V.
CORPORATE SOURCE: Institute of Physical and Organic Chemistry, Rostov State University, Rostov-on-Don, 344090, Russia
SOURCE: Russian Chemical Bulletin (Translation of Izvestiya Akademii Nauk, Seriya Khimicheskaya) (2002), 51(7), 1262-1269
CODEN: RCBUEY; ISSN: 1066-5285
PUBLISHER: Kluwer Academic/Consultants Bureau
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:304146
IT 511295-38-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of cycloheptachromenes and substituted hexahydroxanthenes via reactions of nitrogenous derivs. of substituted salicylaldehydes with cyclic ketones and enamines)
RN 511295-38-8 CAPLUS
CN Phenol, 2-[(2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]-4-nitro- (CA INDEX NAME)



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1996:628814 CAPLUS
DOCUMENT NUMBER: 125:300759
ORIGINAL REFERENCE NO.: 125:56287a,56290a

TITLE: New class of potent ligands for the human peripheral cannabinoid receptor

AUTHOR(S): Gallant, Michel; Dufresne, Claude; Gareau, Yves; Guay, Daniel; Leblanc, Yves; Prasit, Petipibbon; Rochette, Chantal; Sawyer, Nicole; Slipetz, Deborah M.; et al.

CORPORATE SOURCE: Merck Frosst Center Therapeutic Research, Dorval, QC, H9R 4P8, Can.

SOURCE: Bioorganic & Medicinal Chemistry Letters (1996), 6(19), 2263-2268
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier

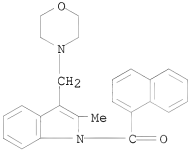
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 180002-80-6P 182880-48-4P 182880-51-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of indoles as ligands for the human peripheral cannabinoid receptor)

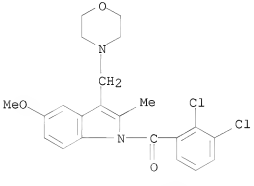
RN 180002-80-6 CAPLUS

CN Methanone, [2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]-1-naphthalenyl- (CA INDEX NAME)



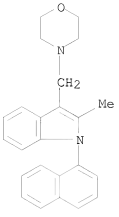
RN 182880-48-4 CAPLUS

CN Methanone, (2,3-dichlorophenyl)[5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]- (CA INDEX NAME)



RN 182880-51-9 CAPLUS

CN 1H-Indole, 2-methyl-3-(4-morpholinylmethyl)-1-(1-naphthalenyl)- (CA INDEX NAME)

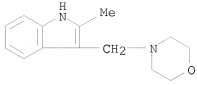


OS.CITING REF COUNT: 61 THERE ARE 61 CAPLUS RECORDS THAT CITE THIS RECORD (65 CITINGS)

L9 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1996:534870 CAPLUS
DOCUMENT NUMBER: 125:195667
ORIGINAL REFERENCE NO.: 125:36654h,36655a
TITLE: Preparation of 3-(N-aryl- and N-heterocyclylaminomethyl)indole derivatives having excellent effect of promoting production or secretion of nerve growth factor (NGF)
INVENTOR(S): Naruto, Shunji; Koyama, Kazuo; Ueda, Yasushi; Marumoto, Shinji; Matsuda, Keiichi; Harada, Jun
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: PCT Int. Appl., 110 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9620191	A1	19960704	WO 1995-JP2709	19951227
W: AU, CA, CN, CZ, FI, HU, KR, MX, NO, NZ, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 08239362	A	19960917	JP 1995-338641	19951226
AU 9643552	A	19960719	AU 1996-43552	19951227
PRIORITY APPLN. INFO.:			JP 1994-327164 A	19941228
			WO 1995-JP2709 W	19951227

OTHER SOURCE(S): MARPAT 125:195667
IT 160523-20-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (N-aryl and N-heterocyclylaminomethyl)indole derivs. having excellent effect of promoting production or secretion of nerve growth factor for treating nerve disease)
RN 160523-20-6 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinylmethyl)- (CA INDEX NAME)

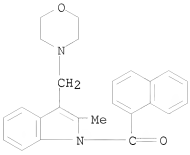


OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

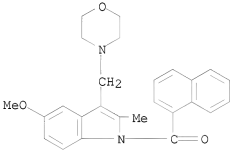
L9 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1996:452765 CAPLUS
DOCUMENT NUMBER: 125:142552
ORIGINAL REFERENCE NO.: 125:26681a
TITLE: Indole derivatives with affinity for the cannabinoid receptor
INVENTOR(S): Gallant, Michel; Gareau, Yves; Guay, Daniel; Labelle, Marc; Prasit, Petpiboon
PATENT ASSIGNEE(S): Merck Frosst Canada, Inc., Can.
SOURCE: U.S., 16 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5532237	A	19960702	US 1995-388929	19950215
CA 2211836	A1	19960822	CA 1996-2211836	19960208
WO 9625397	A1	19960822	WO 1996-CA80	19960208
W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9646166	A	19960904	AU 1996-46166	19960208
AU 703913	B2	19990401		
EP 809630	A1	19971203	EP 1996-901667	19960208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
JP 10508870	T	19980902	JP 1996-524540	19960208
JP 3033076	B2	20000417		

PRIORITY APPLN. INFO.: US 1995-388929 A 19950215
WO 1996-CA80 W 19960208
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): CASREACT 125:142552; MARPAT 125:142552
IT 180002-80-6P 180002-84-0P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(indole derivs. with affinity for the cannabinoid receptor)
RN 180002-80-6 CAPLUS
CN Methanone, [2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]-1-naphthalenyl- (CA INDEX NAME)

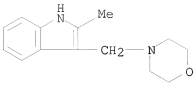


RN 180002-84-0 CAPLUS
CN Methanone, [5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1H-indol-1-yl]-1-naphthalenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 20 THERE ARE 20 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1995:311891 CAPLUS
DOCUMENT NUMBER: 122:77307
ORIGINAL REFERENCE NO.: 122:14602h,14603a
TITLE: Indole derivatives as potent inhibitors of larval settlement by the barnacle, Balanus amphitrite
AUTHOR(S): Kon-Ya, Kazumi; Shimidzu, Nobuyoshi; Miki, Wataru; Endo, Mamoru
CORPORATE SOURCE: Marine Biotechnology Inst. (MBI), Shizuoka, 424, Japan
SOURCE: Bioscience, Biotechnology, and Biochemistry (1994), 58(12), 2178-81
CODEN: BBBIEJ; ISSN: 0916-8451
PUBLISHER: Japan Society for Bioscience, Biotechnology, and Agrochemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 160523-20-6
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(indole derivs. as inhibitors of barnacle larva settlement)
RN 160523-20-6 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinylmethyl)- (CA INDEX NAME)

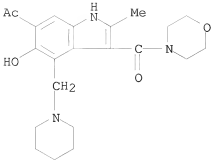


OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (24 CITINGS)

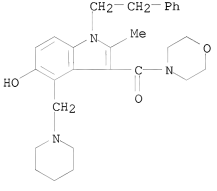
L9 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:23730 CAPLUS
DOCUMENT NUMBER: 110:23730
ORIGINAL REFERENCE NO.: 110:4009a,4012a
TITLE: 5-Hydroxyindole-3-carboxamide derivatives as diuretics and cardiovascular agents, their preparation, and formulations containing them
INVENTOR(S): Tahara, Tetsuya; Ikabe, Tsuguo; Hakamada, Ichiro; Yaoka, Osamu
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8805432	A1	19880728	WO 1988-JP35	19880119
W: US				
RW: AT, BE, CH, DE, FR, GB, IT, NL, SE				
EP 299076	A1	19890118	EP 1988-900852	19880119
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 63301862	A	19881208	JP 1988-11225	19880121
US 4874759	A	19891017	US 1988-261836	19880923
PRIORITY APPLN. INFO.:			JP 1987-14943 A	19870123
			WO 1988-JP35 W	19880119

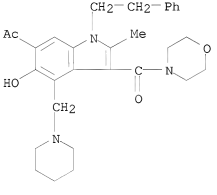
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): CASREACT 110:23730; MARPAT 110:23730
IT 118052-40-7P 118052-41-8P 118052-42-9P
118052-43-0P 118053-07-9P 118053-09-1P
118053-16-0P 118053-17-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as diuretic and agent for treatment of circulation disorders)
RN 118052-40-7 CAPLUS
CN Ethanone, 1-[5-hydroxy-2-methyl-3-(4-morpholinylcarbonyl)-4-(1-piperidinylmethyl)-1H-indol-6-yl]- (CA INDEX NAME)



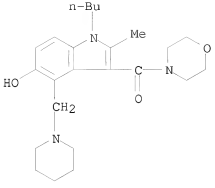
RN 118052-41-8 CAPLUS
CN Methanone, [5-hydroxy-2-methyl-1-(2-phenylethyl)-4-(1-piperidinylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



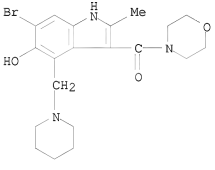
RN 118052-42-9 CAPLUS
CN Ethanone, 1-[5-hydroxy-2-methyl-3-(4-morpholinylcarbonyl)-1-(2-phenylethyl)-4-(1-piperidinylmethyl)-1H-indol-6-yl]- (CA INDEX NAME)



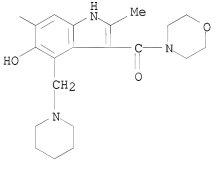
RN 118052-43-0 CAPLUS
CN Methanone, [1-butyl-5-hydroxy-2-methyl-4-(1-piperidinylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



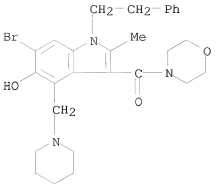
RN 118053-07-9 CAPLUS
CN Methanone, [6-bromo-5-hydroxy-2-methyl-4-(1-piperidinylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



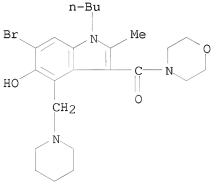
RN 118053-09-1 CAPLUS
CN Methanone, [5-hydroxy-2-methyl-4-(1-piperidinylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



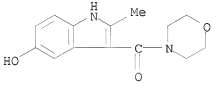
RN 118053-16-0 CAPLUS
CN Methanone, [6-bromo-5-hydroxy-2-methyl-1-(2-phenylethyl)-4-(1-piperidinylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



RN 118053-17-1 CAPLUS
CN Methanone, [6-bromo-1-butyl-5-hydroxy-2-methyl-4-(1-piperidinylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



IT 118052-59-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in preparation of diuretic and agent for treatment of circulation disorders)
RN 118052-59-8 CAPLUS
CN Methanone, (5-hydroxy-2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

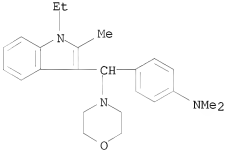
L9 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1982:105804 CAPLUS
DOCUMENT NUMBER: 96:105804
ORIGINAL REFERENCE NO.: 96:17395a,17398a

TITLE: Substituted 1H-indoles and duplicating and marking systems comprising them
INVENTOR(S): Schmidt, Paul Joseph; Hung, William Mo Wei
PATENT ASSIGNEE(S): Sterling Drug Inc., USA
SOURCE: Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 35775	A2	19810916	EP 1981-101652	19810306
EP 35775	A3	19820414		
R: CH, DE, FR, GB				
US 4341402	A	19820727	US 1980-127650	19800306
CA 1162191	A1	19840214	CA 1981-372329	19810305
BR 8101316	A	19810908	BR 1981-1316	19810306
JP 56139459	A	19811030	JP 1981-32399	19810306
US 4398030	A	19830809	US 1982-341951	19820122
US 4507483	A	19850326	US 1983-473760	19830309
US 4636820	A	19870113	US 1985-692093	19850117

PRIORITY APPLN. INFO.: US 1980-127650 A 19800306
US 1982-341951 A3 19820122
US 1983-473760 A3 19830309

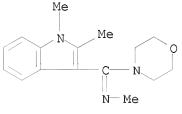
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): CASREACT 96:105804; MARPAT 96:105804
IT 80397-60-0
RL: USES (Uses)
(color former, for pressure-sensitive duplicating and thermal marking systems, preparation of)
RN 80397-60-0 CAPLUS
CN Benzenamine, 4-[(1-ethyl-2-methyl-1H-indol-3-yl)-4-morpholinylmethyl]-N,N-dimethyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L9 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1978:31980 CAPLUS
DOCUMENT NUMBER: 88:31980
ORIGINAL REFERENCE NO.: 88:4983a,4986a
TITLE: Antitumor activity of indole derivatives
AUTHOR(S): Kobayashi, Goro; Matsuda, Yoshiro; Tominaga, Yoshinori; Ohkuma, Mihoko; Shinoda, Hirotaka; Kohno, Morihiro; Mizuno, Den'ichi
CORPORATE SOURCE: Fac. Pharm. Sci., Nagasaki Univ., Nagasaki, Japan

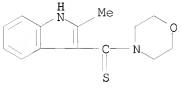
SOURCE: Yakugaku Zasshi (1977), 97(9), 1033-9
CODEN: YKKZAJ; ISSN: 0031-6903
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
IT 65115-27-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and antitumor activity of)
RN 65115-27-7 CAPLUS
CN Methanamine, N-[(1,2-dimethyl-1H-indol-3-yl)-4-morpholinylmethylene]-, hydriodide (1:1) (CA INDEX NAME)



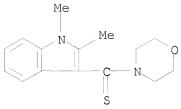
● HI

OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

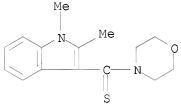
L9 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1976:74147 CAPLUS
DOCUMENT NUMBER: 84:74147
ORIGINAL REFERENCE NO.: 84:12163a,12166a
TITLE: Indole derivatives. XXVII. Syntheses and reactions of 2-indol-3-yl-1,3-oxathiolium salts
AUTHOR(S): Tominaga, Toshinori; Matsuda, Yoshiro; Kobayashi, Goro
CORPORATE SOURCE: Fac. Pharm. Sci., Nagasaki Univ., Nagasaki, Japan
SOURCE: Heterocycles (1976), 4(1), 9-12
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 30081-03-9 30081-08-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with phenacyl bromide)
RN 30081-03-9 CAPLUS
CN Methanethione, (2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



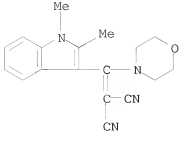
RN 30081-08-4 CAPLUS
CN Methanethione, (1,2-dimethyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



L9 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1975:606054 CAPLUS
DOCUMENT NUMBER: 83:206054
ORIGINAL REFERENCE NO.: 83:32423a,32426a
TITLE: Indole derivatives. XXVI. Syntheses and reactions of 3-(α,α-bismethylthiomethylene)indolenines
AUTHOR(S): Tominaga, Yoshinori; Matsuda, Yoshiro; Kobayashi, Goro
CORPORATE SOURCE: Fac. Pharm. Sci., Nagasaki Univ., Nagasaki, Japan
SOURCE: Yakugaku Zasshi (1975), 95(9), 1073-7
CODEN: YKKZAJ; ISSN: 0031-6903
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
OTHER SOURCE(S): CASREACT 83:206054
IT 30081-08-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and methylation of)
RN 30081-08-4 CAPLUS
CN Methanethione, (1,2-dimethyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



IT 57698-13-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 57698-13-2 CAPLUS
CN Propanedinitrile, 2-[(1,2-dimethyl-1H-indol-3-yl)-4-morpholinylmethylene]- (CA INDEX NAME)

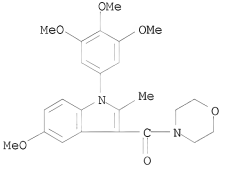


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L9 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1975:531452 CAPLUS
DOCUMENT NUMBER: 83:131452
ORIGINAL REFERENCE NO.: 83:20673a,20676a
TITLE: 3-Carbamoyl-1-arylindoles
INVENTOR(S): Fauran, Claude; Turin, Michel; Gouret, Claude; Raynaud, Guy
PATENT ASSIGNEE(S): Delalande S. A., Fr.
SOURCE: Fr. Demande, 11 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2235687	A2	19750131	FR 1973-24387	19730703
FR 2235687	B2	19770819		
PRIORITY APPLN. INFO.:			FR 1973-24387	19730703

IT 56605-63-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and pharmacological activity of)
RN 56605-63-1 CAPLUS
CN Methanone, [5-methoxy-2-methyl-1-(3,4,5-trimethoxyphenyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



L9 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1974:413384 CAPLUS
DOCUMENT NUMBER: 81:13384
ORIGINAL REFERENCE NO.: 81:2151a,2154a
TITLE: 3-Carboxamido-1-phenylindoles
INVENTOR(S): Fauran, Claude; Turin, Michel; Gouret, Claude; Raynaud, Guy
PATENT ASSIGNEE(S): Delalande S. A.
SOURCE: Fr. Demande, 9 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

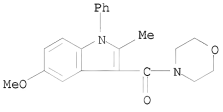
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2190429	A1	19740201	FR 1972-23384	19720628
FR 2190429	B1	19750620		

PRIORITY APPLN. INFO.: FR 1972-23384 19720628

IT 53063-21-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 53063-21-1 CAPLUS

CN Methanone, (5-methoxy-2-methyl-1-phenyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



L9 ANSWER 29 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1974:82737 CAPLUS

DOCUMENT NUMBER: 80:82737

ORIGINAL REFERENCE NO.: 80:13313a,13316a

TITLE: Indole derivatives. XXIII. Diels-Alder reaction of 3-indoledithiocarboxylic acid derivatives and dimethyl acetylenedicarboxylate and reactions of their products

AUTHOR(S): Tominaga, Yoshinori; Natsuki, Reiko; Matsuda, Yoshiro; Kobayashi, Goro

CORPORATE SOURCE: Fac. Pharm. Sci., Nagasaki Univ., Nagasaki, Japan

SOURCE: Chemical & Pharmaceutical Bulletin (1973), 21(12), 2770-5
CODEN: CPBTAL; ISSN: 0009-2363

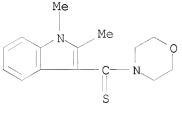
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 30081-08-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(Diels-Alder reaction of, with acetylenedicarboxylate)

RN 30081-08-4 CAPLUS

CN Methanethione, (1,2-dimethyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)

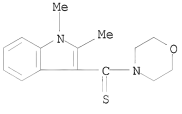


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L9 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

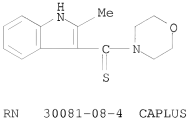
ACCESSION NUMBER: 1974:10295 CAPLUS

DOCUMENT NUMBER: 80:10295
ORIGINAL REFERENCE NO.: 80:1677a,1680a
TITLE: Platelet aggregation inhibitors. V. Pyrimidine derivatives, indole derivatives, benzothiophenes, and benzoquinolizine derivative
AUTHOR(S): Kikugawa, Kiyomi; Ichino, Motonobu
CORPORATE SOURCE: Tokyo Res. Lab., Kohjin Co., Ltd., Tokyo, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1973), 21(5), 1151-5
CODEN: CPBTAL; ISSN: 0009-2363
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 30081-08-4
RL: BIOL (Biological study)
(blood platelet aggregation in response to)
RN 30081-08-4 CAPLUS
CN Methanethione, (1,2-dimethyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



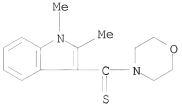
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)

L9 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1971:3570 CAPLUS
DOCUMENT NUMBER: 74:3570
ORIGINAL REFERENCE NO.: 74:581a,584a
TITLE: Indole derivatives. X. Synthesis of methyl indole dithiocarboxylates and their reaction with amines
AUTHOR(S): Kobayashi, Goro; Matsuda, Yoshiro; Natsuki, Reiko; Tominaga, Yoshinori
CORPORATE SOURCE: Pharm. Fac., Univ. Nagasaki, Nagasaki, Japan
SOURCE: Yakugaku Zasshi (1970), 90(10), 1251-7
CODEN: YKKZAJ; ISSN: 0031-6903
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
IT 30081-03-9P 30081-08-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 30081-03-9 CAPLUS
CN Methanethione, (2-methyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



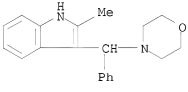
RN 30081-08-4 CAPLUS

CN Methanethione, (1,2-dimethyl-1H-indol-3-yl)-4-morpholinyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L9 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1968:58856 CAPLUS
DOCUMENT NUMBER: 68:58856
ORIGINAL REFERENCE NO.: 68:11359a,11362a
TITLE: Reaction of indolenine salts with nucleophiles
AUTHOR(S): Huffman, Robert W.; Bruice, Thomas C.
CORPORATE SOURCE: Univ. of California, Santa Barbara, CA, USA
SOURCE: Journal of the American Chemical Society (1967), 89(24), 6243-51
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 19006-16-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19006-16-7 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinylphenylmethyl)- (CA INDEX NAME)

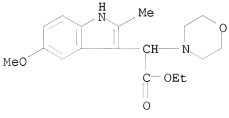


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

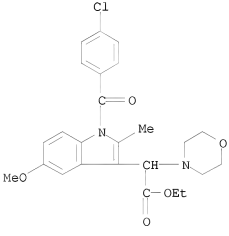
L9 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1968:49447 CAPLUS
DOCUMENT NUMBER: 68:49447
ORIGINAL REFERENCE NO.: 68:9562h,9563a
TITLE: Derivatives of α-aminoindole-3-acetic and -propionic acids
INVENTOR(S): Shen, Tsung-Ying
PATENT ASSIGNEE(S): Merck and Co., Inc.
SOURCE: U.S., 22 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3316260		19670425	US 1965-505036	19651024

IT 17535-70-5P 17535-71-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 17535-70-5 CAPLUS
CN 1H-Indole-3-acetic acid, 5-methoxy-2-methyl-α-4-morpholinyl-, ethyl ester (CA INDEX NAME)



RN 17535-71-6 CAPLUS
CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl-α-4-morpholinyl-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

L9 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1966:104088 CAPLUS
DOCUMENT NUMBER: 64:104088
ORIGINAL REFERENCE NO.: 64:19564d-h,19565a-f
TITLE: α-3-Indolylacetic acids
PATENT ASSIGNEE(S): Merck & Co., Inc.
SOURCE: 68 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

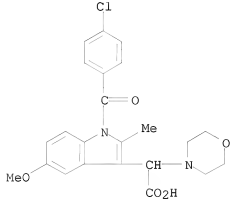
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6415318		19650701	NL	

PRIORITY APPLN. INFO.: US 19631231

IT 5705-29-3P, Indole-3-acetic acid, 1-(p-chlorobenzoyl)-5-methoxy-2-methyl-α-morpholino-
5705-31-7P, Indole-3-acetic acid, 5-methoxy-2-methyl-α-morpholino-1-(α,α,α-trifluoro-p-toluoyl)-, ethyl ester
RL: PREP (Preparation)
(preparation of)

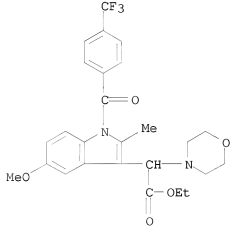
RN 5705-29-3 CAPLUS

CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl-α-4-morpholinyl- (CA INDEX NAME)



RN 5705-31-7 CAPLUS

CN 1H-Indole-3-acetic acid, 5-methoxy-2-methyl-α-4-morpholinyl-1-[4-(trifluoromethyl)benzoyl]-, ethyl ester (CA INDEX NAME)



L9 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1965:498207 CAPLUS

DOCUMENT NUMBER: 63:98207

ORIGINAL REFERENCE NO.: 63:18035b-h,18036a-c

TITLE: Indolylacetic acid derivatives

PATENT ASSIGNEE(S): Merck & Co., Inc.

SOURCE: 54 pp.

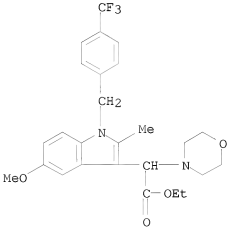
DOCUMENT TYPE: Patent

LANGUAGE: Unavailable

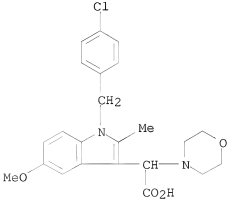
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6413757		19650528	NL	
PRIORITY APPLN. INFO.:			US	19631126

IT 3990-50-9P, Indole-3-acetic acid, 5-methoxy-2-methyl-α-morpholino-1-[p-(trifluoromethyl)benzyl]-, ethyl ester 4117-89-9P, Indole-3-acetic acid, 1-(p-chlorobenzyl)-5-methoxy-2-methyl-α-morpholino-
RL: PREP (Preparation)
(preparation of)
RN 3990-50-9 CAPLUS
CN 1H-Indole-3-acetic acid, 5-methoxy-2-methyl-α-4-morpholinyl-1-[[4-(trifluoromethyl)phenyl]methyl]-, ethyl ester (CA INDEX NAME)



RN 4117-89-9 CAPLUS
CN 1H-Indole-3-acetic acid, 1-[(4-chlorophenyl)methyl]-5-methoxy-2-methyl-α-4-morpholinyl- (CA INDEX NAME)

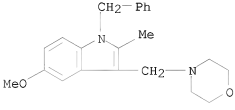


L9 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1961:13358 CAPLUS
DOCUMENT NUMBER: 55:13358
ORIGINAL REFERENCE NO.: 55:2611b-f

TITLE: Preparation of three ketone acetals by alcohol interchange with dioxolanes
AUTHOR(S): Lorette, N. B.; Howard, W. L.
CORPORATE SOURCE: Dow Chem. Co., Freeport, TX
SOURCE: Journal of Organic Chemistry (1960), 25, 1814-15
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 103280-20-2
(Derived from data in the 6th Collective Formula Index (1957-1961))
RN 103280-20-2 CAPLUS
CN 1H-Indole, 5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1-(phenylmethyl)-, compd. with 2,4,6-trinitrophenol (1:1) (CA INDEX NAME)

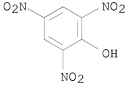
CM 1

CRN 103280-19-9
CMF C22 H26 N2 O2



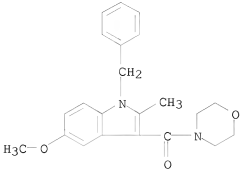
CM 2

CRN 88-89-1
CMF C6 H3 N3 O7



L9 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1961:13357 CAPLUS
DOCUMENT NUMBER: 55:13357
ORIGINAL REFERENCE NO.: 55:2610a-i,2611a-b
TITLE: Substituted 5-hydroxyindoles. I. N-Substituted 1-benzyl-2-methyl-3-aminomethyl-5-methoxyindoles and related compounds
AUTHOR(S): Domschke, Gunter; Furst, Hans
CORPORATE SOURCE: Tech. Hochschule, Dresden, Germany
SOURCE: Chemische Berichte (1960), 93, 2097-2106
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 55:13357
IT 102810-12-8P, Morpholine, 4-(1-benzyl-5-methoxy-2-methylindol-3-ylcarbonyl)- 103280-20-2P , Indole, 1-benzyl-5-methoxy-2-methyl-3-morpholinomethyl-, picrate

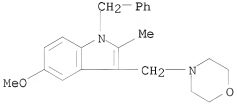
RL: PREP (Preparation)
(preparation of)
RN 102810-12-8 CAPLUS
CN Methanone, [5-methoxy-2-methyl-1-(phenylmethyl)-1H-indol-3-yl]-4-morpholinyl- (CA INDEX NAME)



RN 103280-20-2 CAPLUS
CN 1H-Indole, 5-methoxy-2-methyl-3-(4-morpholinylmethyl)-1-(phenylmethyl)-, compd. with 2,4,6-trinitrophenol (1:1) (CA INDEX NAME)

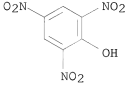
CM 1

CRN 103280-19-9
CMF C22 H26 N2 O2



CM 2

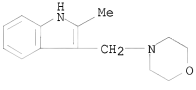
CRN 88-89-1
CMF C6 H3 N3 O7



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L9 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1950:49315 CAPLUS
DOCUMENT NUMBER: 44:49315
ORIGINAL REFERENCE NO.: 44:9409a-e

TITLE: The preparation of Mannich bases related to gramine
AUTHOR(S): Brehm, Warren J.; Lindwall, H. G.
CORPORATE SOURCE: New York Univ.
SOURCE: Journal of Organic Chemistry (1950), 15, 685-7
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 160523-20-6P, Indole, 2-methyl-3-morpholinomethyl-
RL: PREP (Preparation)
(preparation of)
RN 160523-20-6 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)

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COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	153.88	809.09

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FULL ESTIMATED COST	0.07	809.16

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DICTIONARY FILE UPDATES: 30 SEP 2010 HIGHEST RN 1244125-02-7

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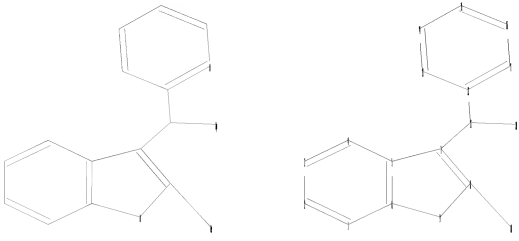
=>
Uploading C:\Program Files\STNEXP\Queries\logg.str



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ring nodes :
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7-11 8-18 11-12 11-20
ring bonds :
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16-17
exact/norm bonds :
6-9 8-9 11-20
exact bonds :
5-7 7-8 7-11 8-18 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 :

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 20:Atom

L10 STRUCTURE UPLOADED

=> s l10 sss full
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FULL SCREEN SEARCH COMPLETED - 1207 TO ITERATE

100.0% PROCESSED 1207 ITERATIONS 54 ANSWERS
SEARCH TIME: 00.00.01

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L11          54 SEA SSS FUL L10

=> file capl
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   192.03    1001.19

FILE 'CAPLUS' ENTERED AT 07:24:43 ON 01 OCT 2010
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FILE COVERS 1907 - 1 Oct 2010  VOL 153 ISS 15
FILE LAST UPDATED: 30 Sep 2010  (20100930/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Aug 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l11
L12          6 L11

=> d l12 1-6 ibib hitstr

L12  ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:        2009:846104  CAPLUS
DOCUMENT NUMBER:         151:92841
TITLE:                   Method using lifespan-altering compounds for altering
                         the lifespan of eukaryotic organisms, and screening
                         for such compounds
INVENTOR(S):             Goldfarb, David Scott
PATENT ASSIGNEE(S):      University of Rochester, USA
SOURCE:                  U.S. Pat. Appl. Publ., 57pp.
                         CODEN: USXXCO
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  20
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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     US 20090163545       A1    20090625    US 2008-341615         20081222
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US 20090163545	A1	20090625	US 2008-341615		20081222
AU 2008345225	A1	20090709	AU 2008-345225		20081222
CA 2709784	A1	20090709	CA 2008-2709784		20081222
EP 2219646	A2	20100825	EP 2008-867410		20081222

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS

PRIORITY APPLN. INFO.:	US 2008-23801P	P	20080125
	US 2007-16362P	P	20071221
	US 2008-341615		20081222
	WO 2008-US88016	W	20081222

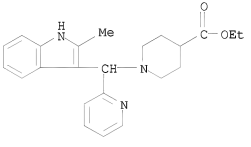
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 380539-15-1

RL: PAC (Pharmacological activity); BIOL (Biological study) (method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)

RN 380539-15-1 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]-, ethyl ester (CA INDEX NAME)



L12 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	2009:846101 CAPLUS
DOCUMENT NUMBER:	151:92838
TITLE:	Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S):	Goldfarb, David Scott
PATENT ASSIGNEE(S):	University of Rochester, USA
SOURCE:	U.S. Pat. Appl. Publ., 57pp. CODEN: USXXCO
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	20

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CA 2709784	A1	20090709	CA 2008-2709784	20081222
EP 2219646	A2	20100825	EP 2008-867410	20081222

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS

PRIORITY APPLN. INFO.:	US 2008-23801P	P	20080125
	US 2007-16362P	P	20071221
	US 2008-341615		20081222

WO 2008-US88016 W 20081222

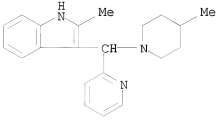
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 457650-67-8

RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)

RN 457650-67-8 CAPLUS

CN 1H-Indole, 2-methyl-3-[(4-methyl-1-piperidinyl)-2-pyridinylmethyl]- (CA INDEX NAME)



L12 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:846099 CAPLUS

DOCUMENT NUMBER: 151:92836

TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds

INVENTOR(S): Goldfarb, David Scott

PATENT ASSIGNEE(S): University of Rochester, USA

SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 20

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
AU 2008345225	A1	20090709	AU 2008-345225	20081222
CA 2709784	A1	20090709	CA 2008-2709784	20081222
EP 2219646	A2	20100825	EP 2008-867410	20081222

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS

PRIORITY APPLN. INFO.:

US 2008-23801P	P	20080125
US 2007-16362P	P	20071221
US 2008-341615		20081222
WO 2008-US88016	W	20081222

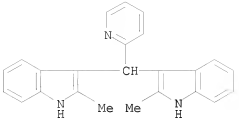
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 104097-72-5 380539-20-8

RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)

RN 104097-72-5 CAPLUS

CN 1H-Indole, 3,3'-(2-pyridinylmethylene)bis[2-methyl- (CA INDEX NAME)



RN 380539-20-8 CAPLUS
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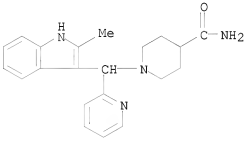
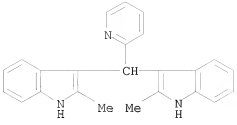
(CA INDEX NAME)



L12 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2007:574850 CAPLUS
DOCUMENT NUMBER: 148:495729
TITLE: Diammonium hydrogen phosphate as an efficient and inexpensive catalyst for the synthesis of bis(indolyl)methanes under solvent-free conditions
AUTHOR(S): Dabiri, Minoo; Salehi, Peyman; Baghbanzadeh, Mostafa; Vakilzadeh, Yasamin; Kiani, Shadi
CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Shahid Beheshti University, Evin, Iran
SOURCE: Monatshefte fuer Chemie (2007), 138(6), 595-597
CODEN: MOCMB7; ISSN: 0026-9247
PUBLISHER: Springer Wien
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 148:495729
IT 104097-72-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of bis(indolyl)methanes by reaction of indoles with aldehydes using diammonium hydrogen phosphate catalyst under solvent-free conditions)
RN 104097-72-5 CAPLUS
CN 1H-Indole, 3,3'-(2-pyridinylmethylene)bis[2-methyl- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:346852 CAPLUS
DOCUMENT NUMBER: 142:386029
TITLE: Dual alanyl aminopeptidase and dipeptidyl peptidase IV inhibitors for functionally influencing different cells and for treating immunological, inflammatory, neuronal and other diseases
INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank
PATENT ASSIGNEE(S): Institut fur Medizintechnologie Magdeburg IMTM G.m.b.H., Germany; Keyneurotek A.-G. Zenit Technologiepark
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034940	A2	20050421	WO 2004-EP11644	20041015
WO 2005034940	A3	20051208		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348044	A1	20050519	DE 2003-10348044	20031015
AU 2004280090	A1	20050421	AU 2004-280090	20041015
AU 2004280090	B2	20090813		
CA 2542592	A1	20050421	CA 2004-2542592	20041015
EP 1673082	A2	20060628	EP 2004-790486	20041015
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CN 1882332	A	20061220	CN 2004-80033900	20041015
JP 2007508350	T	20070405	JP 2006-534707	20041015
EP 2105441	A1	20090930	EP 2009-160132	20041015
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IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

US 20070078130	A1	20070405	US 2006-575878		20060915
PRIORITY APPLN. INFO.:			DE 2003-10348044	A	20031015
			EP 2004-790486	A3	20041015
			WO 2004-EP11644	W	20041015

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

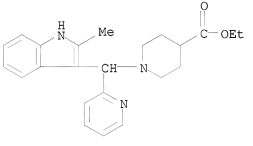
OTHER SOURCE(S): MARPAT 142:386029

IT 380539-15-1 380539-20-8 380577-88-8
457650-71-4 457650-72-5 457650-97-4
457650-98-5

RL: COS (Cosmetic use); DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase-dipeptidyl peptidase IV dual inhibitors for treating immunol., inflammatory, neuronal, and other diseases)

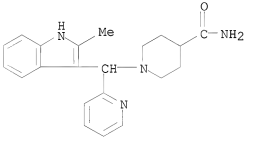
RN 380539-15-1 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]-, ethyl ester (CA INDEX NAME)



RN 380539-20-8 CAPLUS

CN 4-Piperidinecarboxamide, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]- (CA INDEX NAME)



RN 380577-88-8 CAPLUS

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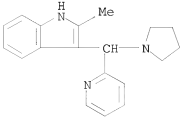

RN 457650-71-4 CAPLUS
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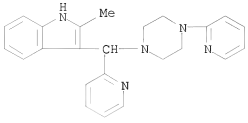
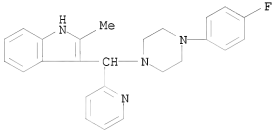
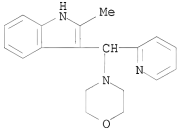


RN 457650-72-5 CAPLUS
CN 1H-Indole, 3-[[4-(4-fluorophenyl)-1-piperazinyl]-2-pyridinylmethyl]-2-
methyl- (CA INDEX NAME)



RN 457650-97-4 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinyl-2-pyridinylmethyl)- (CA INDEX NAME)



RN 457650-98-5 CAPLUS
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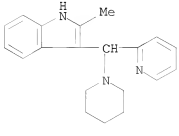
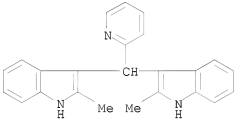


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD

(2 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1959:67722 CAPLUS
DOCUMENT NUMBER: 53:67722
ORIGINAL REFERENCE NO.: 53:12288g-i,12289a-c
TITLE: Reactions in the pyridine series. I. Reactions of pyridine- and quinolinealdehydes with pyrroles and indoles
AUTHOR(S): Strell, Martin; Zocher, Anneliese; Kopp, Erwin
CORPORATE SOURCE: Tech. Hochschule, Munich, Germany
SOURCE: Chemische Berichte (1957), 90, 1798-1808
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 104097-72-5P, Indole, 3,3'-[2-pyridylmethylene]bis[2-methyl-
RL: PREP (Preparation)
(preparation of)
RN 104097-72-5 CAPLUS
CN 1H-Indole, 3,3'-(2-pyridinylmethylene)bis[2-methyl- (CA INDEX NAME)



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FULL ESTIMATED COST 24.56 1025.75

FILE 'REGISTRY' ENTERED AT 07:25:11 ON 01 OCT 2010
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DICTIONARY FILE UPDATES: 30 SEP 2010 HIGHEST RN 1244125-02-7

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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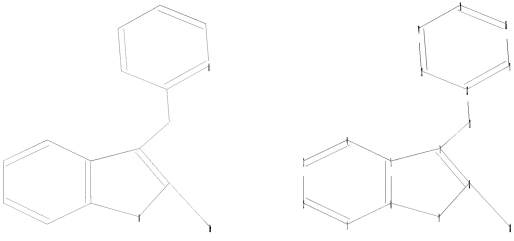

chain nodes :
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ring nodes :
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chain bonds :
7-11 8-18 11-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 12-13 12-17 13-14 14-15 15-16
16-17
exact/norm bonds :
6-9 8-9
exact bonds :
5-7 7-8 7-11 8-18 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 :

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS

L13 STRUCTURE UPLOADED

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FULL SCREEN SEARCH COMPLETED - 1207 TO ITERATE

100.0% PROCESSED 1207 ITERATIONS 215 ANSWERS
SEARCH TIME: 00.00.01

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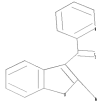

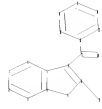

chain nodes :
11 18 20
ring nodes :
1 2 3 4 5 6 7 8 9 12 13 14 15 16 17
chain bonds :
7-11 8-18 11-12 11-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 12-13 12-17 13-14 14-15 15-16
16-17
exact/norm bonds :
6-9 8-9 11-20
exact bonds :
5-7 7-8 7-11 8-18 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 :

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

G2:O,S

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Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  11:CLASS
12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:CLASS  20:CLASS



L15     STRUCTURE UPLOADED

=> s l15 sss full
FULL SEARCH INITIATED 07:25:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      694 TO ITERATE

100.0% PROCESSED      694 ITERATIONS                              23 ANSWERS
SEARCH TIME: 00.00.01

L16          23 SEA SSS FUL L15

=> file capl
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                  382.59    1408.34

FILE 'CAPLUS' ENTERED AT 07:25:59 ON 01 OCT 2010
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FILE COVERS 1907 - 1 Oct 2010  VOL 153 ISS 15
FILE LAST UPDATED: 30 Sep 2010  (20100930/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Aug 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate
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=> d his

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     FILE 'REGISTRY' ENTERED AT 06:58:28 ON 01 OCT 2010
L1             STRUCTURE UPLOADED
L2           22 S L1 SSS FULL
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L3            13 S L2

     FILE 'STNGUIDE' ENTERED AT 07:04:21 ON 01 OCT 2010

     FILE 'REGISTRY' ENTERED AT 07:09:49 ON 01 OCT 2010

     FILE 'REGISTRY' ENTERED AT 07:17:06 ON 01 OCT 2010
L4               STRUCTURE UPLOADED
L5             4 S L4 SSS FUL

     FILE 'CAPLUS' ENTERED AT 07:17:31 ON 01 OCT 2010
L6             4 S L5

     FILE 'STNGUIDE' ENTERED AT 07:18:09 ON 01 OCT 2010

     FILE 'REGISTRY' ENTERED AT 07:19:56 ON 01 OCT 2010
L7               STRUCTURE UPLOADED
L8            95 S L7 SSS FUL

     FILE 'CAPLUS' ENTERED AT 07:20:57 ON 01 OCT 2010
L9            38 S L8

     FILE 'STNGUIDE' ENTERED AT 07:23:00 ON 01 OCT 2010

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L11           54 S L10 SSS FULL

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L12            6 S L11

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L13              STRUCTURE UPLOADED
L14          215 S L13 SSS FULL
L15              STRUCTURE UPLOADED
L16           23 S L15 SSS FULL

     FILE 'CAPLUS' ENTERED AT 07:25:59 ON 01 OCT 2010

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YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n


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L17          80 L14

=> s l16
L18          51 L16

=> s l17 not l18
L19          29 L17 NOT L18

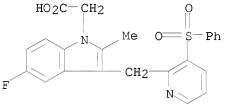
=> d l19 1-29 ibib hitstr

L19  ANSWER 1 OF 29  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:         2010:305083  CAPLUS
DOCUMENT NUMBER:          152:335066
TITLE:                    (Indol-1-yl)acetic acid derivatives and their
                          pharmaceutical compositions as CRTH2 antagonists for
                          the treatment of allergic diseases and preparation
                          thereof
```

INVENTOR(S): Armer, Richard Edward; Pettipher, Eric Roy; Whittaker, Mark; Wynne, Graham Michael; Vile, Julia; Schroer, Frank
PATENT ASSIGNEE(S): Oxagen Limited, UK
SOURCE: U.S. Pat. Appl. Publ., 18pp., Cont.-in-part of U.S. Ser. No. 356,822.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20100063103	A1	20100311	US 2009-625497	20091124
US 7750027	B2	20100706		
US 20090186923	A1	20090723	US 2009-356822	20090121
PRIORITY APPLN. INFO.:			GB 2008-874	A 20080118
			GB 2008-20526	A 20081110
			US 2009-356822	A2 20090121

OTHER SOURCE(S): MARPAT 152:335066
IT 1161864-30-7P, (3-((3-(Benzenesulfonyl)pyridin-2-yl)methyl)-5-fluoro-2-methylindol-1-yl)acetic acid
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indolylacetic acid derivs. as CRTH2 antagonists for the treatment of allergic diseases)
RN 1161864-30-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[3-(phenylsulfonyl)-2-pyridinyl]methyl]- (CA INDEX NAME)



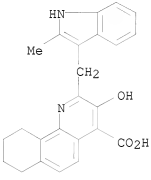
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:1457985 CAPLUS
DOCUMENT NUMBER: 152:160023
TITLE: Combined 3D-QSAR modeling and molecular docking study on quinoline derivatives as inhibitors of P-selectin
AUTHOR(S): Zeng, Huahui; Cao, Ran; Zhang, Huabei
CORPORATE SOURCE: Key Laboratory of Radiopharmaceuticals of Ministry of Education, College of Chemistry, Beijing Normal University, Beijing, 100875, Peop. Rep. China
SOURCE: Chemical Biology & Drug Design (2009), 74(6), 596-610
CODEN: CBDDAL; ISSN: 1747-0277
PUBLISHER: Wiley-Blackwell
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 924633-79-4

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combined 3D-QSAR modeling and mol. docking study on quinoline derivs. as inhibitors of P-selectin)

RN 924633-79-4 CAPLUS

CN Benzo[h]quinoline-4-carboxylic acid, 7,8,9,10-tetrahydro-3-hydroxy-2-[(2-methyl-1H-indol-3-yl)methyl]- (CA INDEX NAME)



REFERENCE COUNT: 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:904796 CAPLUS

DOCUMENT NUMBER: 151:350071

TITLE: Novel tricyclic antagonists of the prostaglandin D2 receptor DP2 with efficacy in a murine model of allergic rhinitis

AUTHOR(S): Stearns, Brian A.; Baccei, Christopher; Bain, Gretchen; Broadhead, Alex; Clark, Ryan C.; Coate, Heather; Evans, Jilly F.; Fagan, Patrick; Hutchinson, John H.; King, Christopher; Lee, Catherine; Lorrain, Daniel S.; Prasit, Peppi; Prodanovich, Pat; Santini, Angelina; Scott, Jill M.; Stock, Nicholas S.; Truong, Yen P.

CORPORATE SOURCE: Amira Pharmaceuticals, San Diego, CA, 92121, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2009), 19(16), 4647-4651
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

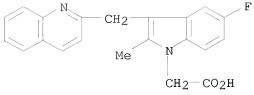
LANGUAGE: English

OTHER SOURCE(S): CASREACT 151:350071

IT 851723-84-7
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(novel tricyclic antagonists of the prostaglandin D2 receptor DP2 with efficacy in a murine model of allergic rhinitis)

RN 851723-84-7 CAPLUS

CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

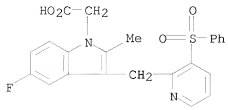
L19 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:887848 CAPLUS
DOCUMENT NUMBER: 151:173266
TITLE: (Indol-1-yl)acetic acid derivatives and their pharmaceutical compositions as CRTH2 antagonists for the treatment of allergic diseases and preparation thereof
INVENTOR(S): Armer, Richard Edward; Pettipher, Eric Roy; Whittaker, Mark; Wynne, Graham Michael; Vile, Julia; Schroer, Frank
PATENT ASSIGNEE(S): Oxagen Limited, UK
SOURCE: PCT Int. Appl., 54pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009090414	A1	20090723	WO 2009-GB142	20090119
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2009204700	A1	20090723	AU 2009-204700	20090119
CA 2712017	A1	20090723	CA 2009-2712017	20090119

PRIORITY APPLN. INFO.:
GB 2008-874 A 20080118
GB 2008-20526 A 20081110
WO 2009-GB142 W 20090119

OTHER SOURCE(S): MARPAT 151:173266
IT 1161864-30-7P, (3-((3-(Benzenesulfonyl)pyridin-2-yl)methyl)-5-fluoro-2-methylindol-1-yl)acetic acid
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indolylacetic acid derivs. as CRTH2 antagonists for the treatment of allergic diseases)
RN 1161864-30-7 CAPLUS

CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[3-(phenylsulfonyl)-2-pyridinyl]methyl]- (CA INDEX NAME)



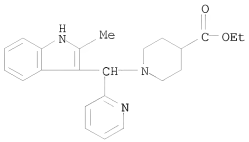
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:846104 CAPLUS
DOCUMENT NUMBER: 151:92841
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 20
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
AU 2008345225	A1	20090709	AU 2008-345225	20081222
CA 2709784	A1	20090709	CA 2008-2709784	20081222
EP 2219646	A2	20100825	EP 2008-867410	20081222
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				

PRIORITY APPLN. INFO.:
US 2008-23801P P 20080125
US 2007-16362P P 20071221
US 2008-341615 20081222
WO 2008-US88016 W 20081222

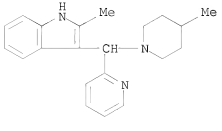
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
IT 380539-15-1
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 380539-15-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]-, ethyl ester (CA INDEX NAME)



L19 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:846101 CAPLUS
DOCUMENT NUMBER: 151:92838
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 20
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
AU 2008345225	A1	20090709	AU 2008-345225	20081222
CA 2709784	A1	20090709	CA 2008-2709784	20081222
EP 2219646	A2	20100825	EP 2008-867410	20081222
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				

PRIORITY APPLN. INFO.:
US 2008-23801P P 20080125
US 2007-16362P P 20071221
US 2008-341615 20081222
WO 2008-US88016 W 20081222
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
IT 457650-67-8
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 457650-67-8 CAPLUS
CN 1H-Indole, 2-methyl-3-[(4-methyl-1-piperidinyl)-2-pyridinylmethyl]- (CA INDEX NAME)



L19 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:846099 CAPLUS
DOCUMENT NUMBER: 151:92836
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 20
PATENT INFORMATION:

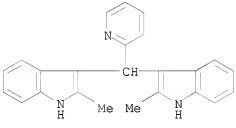
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
AU 2008345225	A1	20090709	AU 2008-345225	20081222
CA 2709784	A1	20090709	CA 2008-2709784	20081222
EP 2219646	A2	20100825	EP 2008-867410	20081222

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS

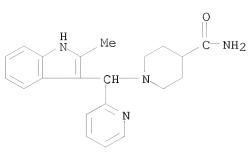
PRIORITY APPLN. INFO.:

US 2008-23801P	P	20080125
US 2007-16362P	P	20071221
US 2008-341615		20081222
WO 2008-US88016	W	20081222

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
IT 104097-72-5 380539-20-8
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 104097-72-5 CAPLUS
CN 1H-Indole, 3,3'-(2-pyridinylmethylene)bis[2-methyl- (CA INDEX NAME)



RN 380539-20-8 CAPLUS
CN 4-Piperidinecarboxamide, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]- (CA INDEX NAME)



L19 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:768388 CAPLUS
DOCUMENT NUMBER: 151:77910
TITLE: Preparation of 2-(indol-1-yl)acetic acid derivatives as ligands of CRTH2 receptors
INVENTOR(S): Hynd, George; Montana, John Gary; Finch, Harry; Arienzo, Rosa; Avitabile-Woo, Barbara; Domostoj, Mathias
PATENT ASSIGNEE(S): Argenta Discovery Limited, UK
SOURCE: PCT Int. Appl., 90pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009077728	A1	20090625	WO 2008-GB4107	20081212
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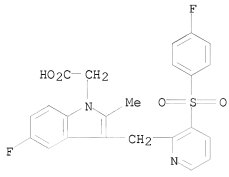
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2008337342	A1	20090625	AU 2008-337342	20081212
CA 2707785	A1	20090625	CA 2008-2707785	20081212
EP 2229358	A1	20100922	EP 2008-862784	20081212
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				

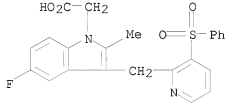
PRIORITY APPLN. INFO.:	GB 2007-24429	A	20071214
	GB 2008-6083	A	20080403
	GB 2008-14910	A	20080814
	WO 2008-GB4107	W	20081212

OTHER SOURCE(S): MARPAT 151:77910
IT 1161864-26-1P 1161864-30-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indolylacetic acid derivs. as ligands of CRTH2 receptors)
RN 1161864-26-1 CAPLUS

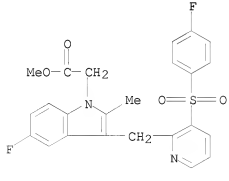
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[[3-[(4-fluorophenyl)sulfonyl]-2-pyridinyl]methyl]-2-methyl- (CA INDEX NAME)



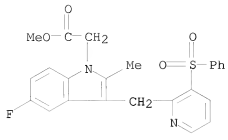
RN 1161864-30-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[3-(phenylsulfonyl)-2-pyridinyl]methyl]- (CA INDEX NAME)



IT 1161864-87-4P 1161864-96-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indolylacetic acid derivs. as ligands of CRTH2 receptors)
RN 1161864-87-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[[3-[(4-fluorophenyl)sulfonyl]-2-pyridinyl]methyl]-2-methyl-, methyl ester (CA INDEX NAME)



RN 1161864-96-5 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[3-(phenylsulfonyl)-2-pyridinyl]methyl]-, methyl ester (CA INDEX NAME)



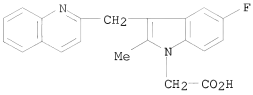
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:619295 CAPLUS
DOCUMENT NUMBER: 150:555861
TITLE: Use of CRTH2 antagonist compounds
INVENTOR(S): Hunter, Michael George; Pettipher, Eric Roy; Perkins, Colin Michael; Payton, Mark Anthony; Xue, Luzheng
PATENT ASSIGNEE(S): Oxagen Limited, UK
SOURCE: PCT Int. Appl., 51pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

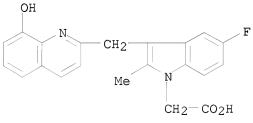
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009063215	A2	20090522	WO 2008-GB3843	20081113
WO 2009063215	A3	20090827		

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

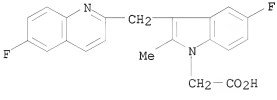
PRIORITY APPLN. INFO.: GB 2007-22216 A 20071113
OTHER SOURCE(S): MARPAT 150:555861
IT 851723-84-7 851723-86-9 851723-96-1
851723-98-3 851723-99-4 1155695-19-4
1155695-21-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(use of CRTH2 antagonists)
RN 851723-84-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



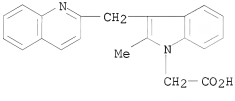
RN 851723-86-9 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[(8-hydroxy-2-quinolinyl)methyl]-2-methyl- (CA INDEX NAME)



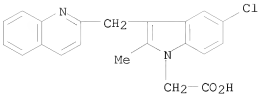
RN 851723-96-1 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[(6-fluoro-2-quinolinyl)methyl]-2-methyl- (CA INDEX NAME)



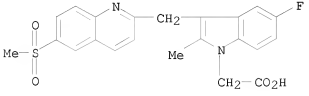
RN 851723-98-3 CAPLUS
CN 1H-Indole-1-acetic acid, 2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



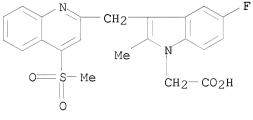
RN 851723-99-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-chloro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



RN 1155695-19-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[6-(methylsulfonyl)-2-quinolinyl]methyl]- (CA INDEX NAME)



RN 1155695-21-8 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[4-(methylsulfonyl)-2-quinolinyl]methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

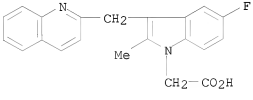
L19 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:617866 CAPLUS
DOCUMENT NUMBER: 150:555858
TITLE: Use of CRTH2 antagonist compounds
INVENTOR(S): Hunter, Michael George; Pettipher, Eric Roy; Perkins, Colin Michael; Payton, Mark Anthony; Xue, Luzheng
PATENT ASSIGNEE(S): Oxagen Limited, UK
SOURCE: PCT Int. Appl., 51pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009063202	A2	20090522	WO 2008-GB3824	20081113
WO 2009063202	A3	20090827		

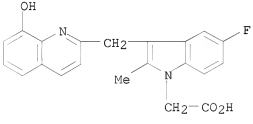
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,

FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
EP 2219645 A2 20100825 EP 2008-851028 20081113
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI,
SK, TR, AL, BA, MK, RS
PRIORITY APPLN. INFO.: GB 2007-22203 A 20071113
WO 2008-GB3824 W 20081113

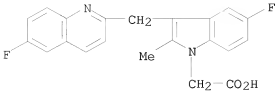
OTHER SOURCE(S): MARPAT 150:555858
IT 851723-84-7 851723-86-9 851723-96-1
851723-98-3 851723-99-4 1155695-19-4
1155695-21-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(use of CRTH2 antagonists)
RN 851723-84-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA
INDEX NAME)



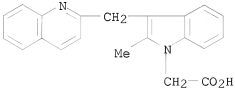
RN 851723-86-9 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[(8-hydroxy-2-quinolinyl)methyl]-2-
methyl- (CA INDEX NAME)



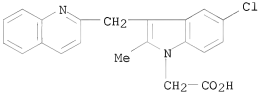
RN 851723-96-1 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[(6-fluoro-2-quinolinyl)methyl]-2-
methyl- (CA INDEX NAME)



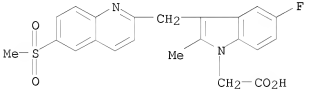
RN 851723-98-3 CAPLUS
CN 1H-Indole-1-acetic acid, 2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



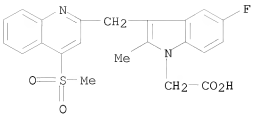
RN 851723-99-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-chloro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



RN 1155695-19-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[6-(methylsulfonyl)-2-quinolinyl]methyl]- (CA INDEX NAME)



RN 1155695-21-8 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-[[4-(methylsulfonyl)-2-quinolinyl]methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

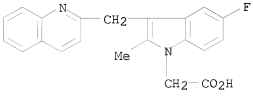
L19 ANSWER 11 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2007:1088485 CAPLUS
DOCUMENT NUMBER: 147:385836
TITLE: Preparation of (5-fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid salts with CRTH2 antagonist activity
INVENTOR(S): Lovell, James Matthew
PATENT ASSIGNEE(S): Oxagen Limited, UK
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007107772	A1	20070927	WO 2007-GB1038	20070322
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2007228553	A1	20070927	AU 2007-228553	20070322
CA 2646002	A1	20070927	CA 2007-2646002	20070322
EP 2004602	A1	20081224	EP 2007-732102	20070322
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
JP 2009530362	T	20090827	JP 2009-500927	20070322
NO 2008003897	A	20081219	NO 2008-3897	20080911
ZA 2008007913	A	20091125	ZA 2008-7913	20080915
IN 2008DN07825	A	20090327	IN 2008-DN7825	20080917
MX 2008012074	A	20081007	MX 2008-12074	20080922
KR 2009008258	A	20090121	KR 2008-7025762	20081021
CN 101432264	A	20090513	CN 2007-80014791	20081024
US 20100056544	A1	20100304	US 2009-293504	20091022

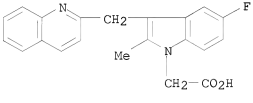
PRIORITY APPLN. INFO.: GB 2006-5743 A 20060322
WO 2007-GB1038 W 20070322

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 147:385836

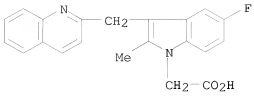
IT 851723-84-7P, (5-Fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of (5-fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid salts with CRTH2 antagonist activity)
RN 851723-84-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



IT 950688-13-8P 950688-14-9P 950688-15-0P
950688-16-1P 950688-18-3P 950688-19-4P
950688-20-7P 950688-21-8P 950688-22-9P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (5-fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid salts with CRTH2 antagonist activity)
RN 950688-13-8 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, potassium salt (1:1) (CA INDEX NAME)

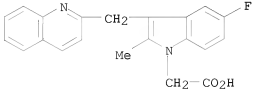


RN 950688-14-9 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, sodium salt (1:1) (CA INDEX NAME)



● Na

RN 950688-15-0 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, ammonium salt (1:1) (CA INDEX NAME)

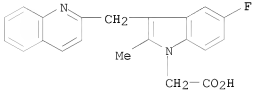


● NH_3

RN 950688-16-1 CAPLUS
CN L-Lysine, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-1H-indole-1-acetate (1:1) (CA INDEX NAME)

CM 1

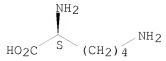
CRN 851723-84-7
CMF C21 H17 F N2 O2



CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

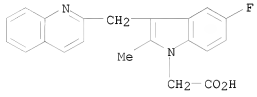
Absolute stereochemistry.



RN 950688-18-3 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, compd. with N-ethylethanamine (1:1) (CA INDEX NAME)

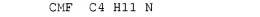
CM 1

CRN 851723-84-7
CMF C21 H17 F N2 O2



CM 2

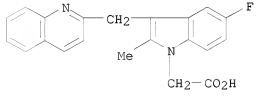
CRN 109-89-7
CMF C4 H11 N



RN 950688-19-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, compd. with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1) (CA INDEX NAME)

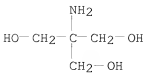
CM 1

CRN 851723-84-7
CMF C21 H17 F N2 O2



CM 2

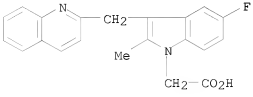
CRN 77-86-1
CMF C4 H11 N O3



RN 950688-20-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, compd. with piperazine (1:1) (CA INDEX NAME)

CM 1

CRN 851723-84-7
CMF C21 H17 F N2 O2



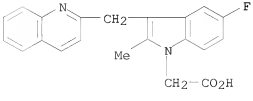
CM 2

CRN 110-85-0
CMF C4 H10 N2

RN 950688-21-8 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, compd. with 1,2-ethanediamine (1:1) (CA INDEX NAME)

CM 1

CRN 851723-84-7
CMF C21 H17 F N2 O2



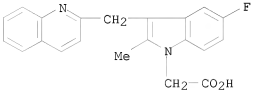
CM 2

CRN 107-15-3
CMF C2 H8 N2

RN 950688-22-9 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, compd. with 2-aminoethanol (1:1) (CA INDEX NAME)

CM 1

CRN 851723-84-7
CMF C21 H17 F N2 O2

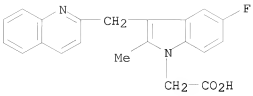


CM 2

CRN 141-43-5
CMF C2 H7 N O

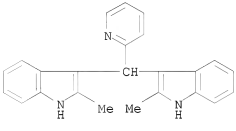
IT 908561-38-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of (5-fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid salts with CRTH2 antagonist activity)
RN 908561-38-6 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, ethyl ester (CA INDEX NAME)

IT 851723-84-7D, (5-Fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid, salts
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(preparation of (5-fluoro-2-methyl-3-quinolin-2-ylmethylindol-1-yl)acetic acid salts with CRTH2 antagonist activity)
RN 851723-84-7 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2007:574850 CAPLUS
DOCUMENT NUMBER: 148:495729
TITLE: Diammonium hydrogen phosphate as an efficient and inexpensive catalyst for the synthesis of bis(indolyl)methanes under solvent-free conditions
AUTHOR(S): Dabiri, Minoo; Salehi, Peyman; Baghbanzadeh, Mostafa; Vakilzadeh, Yasamin; Kiani, Shadi
CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Shahid Beheshti University, Evin, Iran
SOURCE: Monatshefte fuer Chemie (2007), 138(6), 595-597
CODEN: MOCMB7; ISSN: 0026-9247
PUBLISHER: Springer Wien
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 148:495729
IT 104097-72-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of bis(indolyl)methanes by reaction of indoles with aldehydes using diammonium hydrogen phosphate catalyst under solvent-free conditions)
RN 104097-72-5 CAPLUS
CN 1H-Indole, 3,3'-(2-pyridinylmethylene)bis[2-methyl- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:1324347 CAPLUS
DOCUMENT NUMBER: 146:220116
TITLE: 2-(4-Chlorobenzyl)-3-hydroxy-7,8,9,10-tetrahydrobenzo[H]quinoline-4-carboxylic Acid

(PSI-697): Identification of a Clinical Candidate from the Quinoline Salicylic Acid Series of P-Selectin Antagonists

AUTHOR(S): Kaila, Neelu; Janz, Kristin; Huang, Adrian; Moretto, Alessandro; DeBernardo, Silvano; Bedard, Patricia W.; Tam, Steve; Clerin, Valerie; Keith, James C., Jr.; Tsao, Desiree H. H.; Sushkova, Natalia; Shaw, Gray D.; Camphausen, Raymond T.; Schaub, Robert G.; Wang, Qin

CORPORATE SOURCE: Chemical and Screening Sciences, Cardiovascular and Metabolic Disease, Drug Safety and Metabolism, Wyeth Research, Cambridge, MA, 02140, USA

SOURCE: Journal of Medicinal Chemistry (2007), 50(1), 40-64
CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

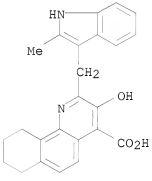
LANGUAGE: English

OTHER SOURCE(S): CASREACT 146:220116

IT 924633-79-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(2-(4-Chlorobenzyl)-3-hydroxy-7,8,9,10-tetrahydrobenzo[H]quinoline-4-carboxylic Acid (PSI-697): Identification of a Clin. Candidate from the Quinoline Salicylic Acid Series of P-Selectin Antagonists)

RN 924633-79-4 CAPLUS

CN Benzo[h]quinoline-4-carboxylic acid, 7,8,9,10-tetrahydro-3-hydroxy-2-[(2-methyl-1H-indol-3-yl)methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 23 THERE ARE 23 CAPLUS RECORDS THAT CITE THIS RECORD (24 CITINGS)

REFERENCE COUNT: 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 14 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:916972 CAPLUS

DOCUMENT NUMBER: 145:292890

TITLE: Method for manufacture of microcrystalline (5-fluoro-2-methyl-3-quinolin-2-ylmethyl-indol-1-yl) acetic acid

INVENTOR(S): Boyd, Edward Andrew; Brookfield, Frederick Arthur; Brennan, Christopher James; Palmer, Christopher Francis; Pearcey, Leigh Andre; Lovell, James Matthew

PATENT ASSIGNEE(S): Oxagen Limited, UK

SOURCE: PCT Int. Appl., 24pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006092579	A1	20060908	WO 2006-GB704	20060301
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006219689	A2	20060908	AU 2006-219689	20060301
AU 2006219689	A1	20060908		
CA 2600891	A1	20060908	CA 2006-2600891	20060301
EP 1856094	A1	20071121	EP 2006-709928	20060301
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
JP 2008531668	T	20080814	JP 2007-557577	20060301
NZ 561246	A	20090925	NZ 2006-561246	20060301
IN 2007DN06577	A	20070921	IN 2007-DN6577	20070824
ZA 2007007233	A	20081126	ZA 2007-7233	20070827
MX 2007010588	A	20071023	MX 2007-10588	20070829
NO 2007004404	A	20071025	NO 2007-4404	20070829
CN 101133047	A	20080227	CN 2006-80006762	20070831
KR 2007107184	A	20071106	KR 2007-7022388	20070929
US 20100041699	A1	20100218	US 2009-817399	20090224

PRIORITY APPLN. INFO.:

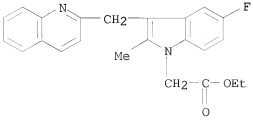
GB 2005-4150	A	20050301
WO 2006-GB704	W	20060301

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 908561-38-6P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(method for manufacturing and recrystn. of microcryst. (fluoromethylquinolinylmethylindolyl)acetic acid for use as PGD2 inhibitor)

RN 908561-38-6 CAPLUS

CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)-, ethyl ester (CA INDEX NAME)

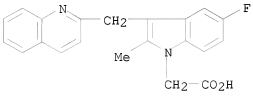


IT 851723-84-7P
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP

(Preparation); USES (Uses)
(recrystn.; method for manufacturing and recrystn. of microcryst. (fluoromethylquinolinylmethylindolyl)acetic acid for use as PGD2 inhibitor)

RN 851723-84-7 CAPLUS

CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:423745 CAPLUS

DOCUMENT NUMBER: 142:463599

TITLE: Preparation of (indol-1-yl)acetic acid derivatives as CRTH2 antagonists in therapy

INVENTOR(S): Middlemiss, David; Ashton, Mark Richard; Boyd, Edward Andrew; Brookfield, Frederick Arthur

PATENT ASSIGNEE(S): Oxagen Limited, UK

SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044260	A1	20050519	WO 2004-GB4417	20041019
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004287245	A1	20050519	AU 2004-287245	20041019
AU 2004287245	B2	20090326		
CA 2543199	A1	20050519	CA 2004-2543199	20041019
EP 1682121	A1	20060726	EP 2004-768943	20041019
EP 1682121	B1	20090812		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004015374	A	20061212	BR 2004-15374	20041019
JP 2007509114	T	20070412	JP 2006-536158	20041019
JP 4313819	B2	20090812		

NZ 547319	A	20090331	NZ 2004-547319		20041019
EP 2060258	A1	20090520	EP 2009-2934		20041019
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LT, LV, MK					
AT 439129	T	20090815	AT 2004-768943		20041019
PT 1682121	E	20091103	PT 2004-768943		20041019
ES 2330113	T3	20091204	ES 2004-768943		20041019
US 20050119268	A1	20050602	US 2004-972060		20041022
US 7582672	B2	20090901			
IN 2006DN01510	A	20070223	IN 2006-DN1510		20060321
NO 2006001456	A	20060720	NO 2006-1456		20060330
MX 2006004506	A	20061211	MX 2006-4506		20060421
CN 101141956	A	20080312	CN 2004-80031112		20060421
ZA 2006003235	A	20090325	ZA 2006-3235		20060421
KR 2006096145	A	20060907	KR 2006-7007822		20060422
HK 1093435	A1	20091231	HK 2007-100163		20070105
US 20090018338	A1	20090115	US 2008-232445		20080917
US 20090018138	A1	20090115	US 2008-232446		20080917
US 20090018139	A1	20090115	US 2008-232447		20080917
US 20090023788	A1	20090122	US 2008-232444		20080917
PRIORITY APPLN. INFO.:			GB 2003-24763	A	20031023
			EP 2004-768943	A3	20041019
			WO 2004-GB4417	W	20041019
			US 2004-972060	A1	20041022

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 142:463599; MARPAT 142:463599

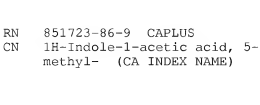
IT 851723-84-7P, [5-Fluoro-2-methyl-3-(quinolin-2-ylmethyl)indol-1-yl]acetic acid 851723-86-9P, [5-Fluoro-3-(8-hydroxyquinolin-2-ylmethyl)-2-methylindol-1-yl]acetic acid 851723-96-1P, [5-Fluoro-3-(6-fluoroquinolin-2-ylmethyl)-2-methylindol-1-yl]acetic acid 851723-98-3P, [2-Methyl-3-[(quinolin-2-yl)methyl]indol-1-yl]acetic acid 851723-99-4P, [5-Chloro-2-methyl-3-[(quinolin-2-yl)methyl]indol-1-yl]acetic acid

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (indol-1-yl)acetic acid derivs. as CRTH2 antagonists in therapy of allergic diseases)

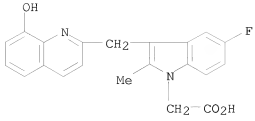
RN 851723-84-7 CAPLUS

CN 1H-Indole-1-acetic acid, 5-fluoro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)

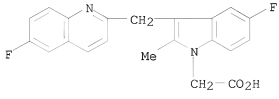


RN 851723-86-9 CAPLUS

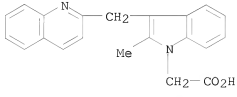
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[(8-hydroxy-2-quinolinyl)methyl]-2-methyl- (CA INDEX NAME)



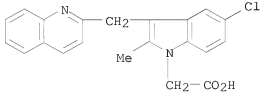
RN 851723-96-1 CAPLUS
CN 1H-Indole-1-acetic acid, 5-fluoro-3-[(6-fluoro-2-quinolinyl)methyl]-2-methyl- (CA INDEX NAME)



RN 851723-98-3 CAPLUS
CN 1H-Indole-1-acetic acid, 2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



RN 851723-99-4 CAPLUS
CN 1H-Indole-1-acetic acid, 5-chloro-2-methyl-3-(2-quinolinylmethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:346852 CAPLUS
DOCUMENT NUMBER: 142:386029
TITLE: Dual alanyl aminopeptidase and dipeptidyl peptidase IV inhibitors for functionally influencing different cells and for treating immunological, inflammatory,

neuronal and other diseases

INVENTOR(S): Ansorge, Siegfried; Bank, Ute; Nordhoff, Karsten; Tager, Michael; Striggow, Frank

PATENT ASSIGNEE(S): Institut fur Medizintechnologie Magdeburg IMTM G.m.b.H., Germany; Keyneurotek A.-G. Zenit Technologiepark

SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034940	A2	20050421	WO 2004-EP11644	20041015
WO 2005034940	A3	20051208		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10348044	A1	20050519	DE 2003-10348044	20031015
AU 2004280090	A1	20050421	AU 2004-280090	20041015
AU 2004280090	B2	20090813		
CA 2542592	A1	20050421	CA 2004-2542592	20041015
EP 1673082	A2	20060628	EP 2004-790486	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1882332	A	20061220	CN 2004-80033900	20041015
JP 2007508350	T	20070405	JP 2006-534707	20041015
EP 2105441	A1	20090930	EP 2009-160132	20041015
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US 20070078130	A1	20070405	US 2006-575878	20060915

PRIORITY APPLN. INFO.:

DE 2003-10348044	A	20031015
EP 2004-790486	A3	20041015
WO 2004-EP11644	W	20041015

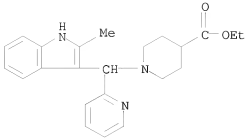
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:386029

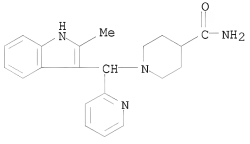
IT 380539-15-1 380539-20-8 380577-88-8
457650-71-4 457650-72-5 457650-97-4
457650-98-5
RL: COS (Cosmetic use); DEV (Device component use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(alanyl aminopeptidase-dipeptidyl peptidase IV dual inhibitors for treating immunol., inflammatory, neuronal, and other diseases)

RN 380539-15-1 CAPLUS

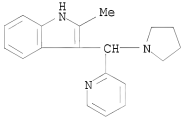
CN 4-Piperidinecarboxylic acid, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]-, ethyl ester (CA INDEX NAME)



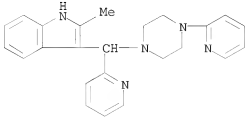
RN 380539-20-8 CAPLUS
CN 4-Piperidinecarboxamide, 1-[(2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]-
(CA INDEX NAME)



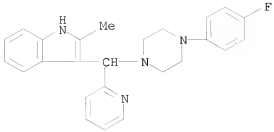
RN 380577-88-8 CAPLUS
CN 1H-Indole, 2-methyl-3-(2-pyridinyl-1-pyrrolidinylmethyl)- (CA INDEX NAME)



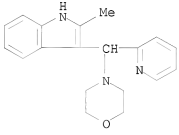
RN 457650-71-4 CAPLUS
CN 1H-Indole, 2-methyl-3-[2-pyridinyl[4-(2-pyridinyl)-1-piperazinyl]methyl]-
(CA INDEX NAME)



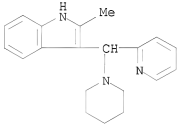
RN 457650-72-5 CAPLUS
CN 1H-Indole, 3-[[4-(4-fluorophenyl)-1-piperazinyl]-2-pyridinylmethyl]-2-
methyl- (CA INDEX NAME)



RN 457650-97-4 CAPLUS
CN 1H-Indole, 2-methyl-3-(4-morpholinyl-2-pyridinylmethyl)- (CA INDEX NAME)



RN 457650-98-5 CAPLUS
CN 1H-Indole, 2-methyl-3-(1-piperidinyl-2-pyridinylmethyl)- (CA INDEX NAME)

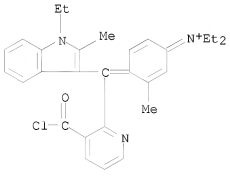


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:883062 CAPLUS
DOCUMENT NUMBER: 139:388502
TITLE: Lactam compound for leuco dye in recording materials and method for manufacture thereof
INVENTOR(S): Fujita, Akinori
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003321471	A	20031111	JP 2002-128638	20020430

PRIORITY APPLN. INFO.: JP 2002-128638 20020430
OTHER SOURCE(S): MARPAT 139:388502
IT 623163-73-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(lactam compound for leuco dye in recording materials)
RN 623163-73-5 CAPLUS
CN Ethanaminium, N-[4-[[3-(chlorocarbonyl)-2-pyridinyl](1-ethyl-2-methyl-1H-indol-3-yl)methylene]-3-methyl-2,5-cyclohexadien-1-ylidene]-N-ethyl- (CA INDEX NAME)



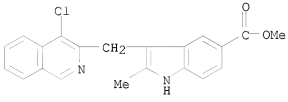
L19 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:483072 CAPLUS
DOCUMENT NUMBER: 137:47109
TITLE: Preparation of trisubstituted indole derivatives for inhibiting neoplastic cells
INVENTOR(S): Pamukcu, Rifat; Piazza, Gary A.
PATENT ASSIGNEE(S): Cell Pathways, Inc., USA
SOURCE: U.S., 76 pp., Cont.-in-part of U. S. 6,046,199.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6410584	B1	20020625	US 1998-199860	19981125
US 6046199	A	20000404	US 1998-7098	19980114
US 20020143022	A1	20021003	US 2002-71639	20020207
US 7115647	B2	20061003		

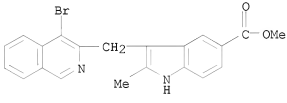
PRIORITY APPLN. INFO.: US 1998-7098 A2 19980114
US 1998-199860 A3 19981125
OTHER SOURCE(S): MARPAT 137:47109
IT 206066-62-8P, 3-[(4-Chloroisoquinolin-3-yl)methyl]-5-(methoxycarbonyl)-2-methylindole 206066-63-9P, 3-[(4-Bromoisoquinolin-3-yl)methyl]-5-(methoxycarbonyl)-2-methylindole 206066-75-3P, 5-Carboxy-3-[(4-chloroisoquinolin-3-yl)methyl]-2-methylindole 206066-76-4P, 3-[(4-Bromoisoquinolin-3-yl)methyl]-5-carboxy-2-methylindole
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug, reactant; preparation of trisubstituted indole derivs. for inhibiting neoplastic cells)

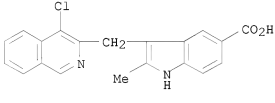
RN 206066-62-8 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-chloro-3-isoquinolinyl)methyl]-2-methyl-, methyl ester (CA INDEX NAME)



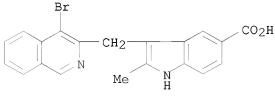
RN 206066-63-9 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-bromo-3-isoquinolinyl)methyl]-2-methyl-, methyl ester (CA INDEX NAME)



RN 206066-75-3 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-chloro-3-isoquinolinyl)methyl]-2-methyl- (CA INDEX NAME)



RN 206066-76-4 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-bromo-3-isoquinolinyl)methyl]-2-methyl- (CA INDEX NAME)

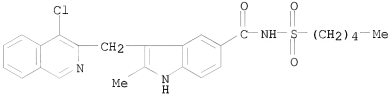


IT 206065-33-0P, 3-[(4-Chloroisoquinolin-3-yl)methyl]-2-methyl-5-((pentanesulfonyl)carbamoyl)indole 206065-34-1P, 3-[(4-Bromoisoquinolin-3-yl)methyl]-2-methyl-5-((pentanesulfonyl)carbamoyl)indole

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; preparation of trisubstituted indole derivs. for inhibiting neoplastic cells)

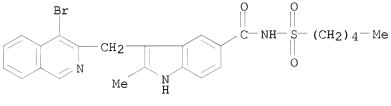
RN 206065-33-0 CAPLUS

CN 1H-Indole-5-carboxamide, 3-[(4-chloro-3-isoquinolinyl)methyl]-2-methyl-N-(pentylsulfonyl)- (CA INDEX NAME)



RN 206065-34-1 CAPLUS

CN 1H-Indole-5-carboxamide, 3-[(4-bromo-3-isoquinolinyl)methyl]-2-methyl-N-(pentylsulfonyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:240093 CAPLUS

DOCUMENT NUMBER: 134:273598

TITLE: Direct heat-sensitive recording method and device

INVENTOR(S): Sawano, Mitsuru; Usami, Toshimasa

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: U.S., 27 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

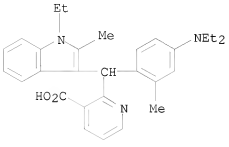
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6210804	B1	20010403	US 1997-998194	19971224
JP 10235913	A	19980908	JP 1997-304545	19971106
PRIORITY APPLN. INFO.:			JP 1996-348523 A	19961226
			JP 1997-304545 A	19971106

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 332141-82-9

RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)
(cyan-layer suspension for light-fixing-type direct heat-sensitive

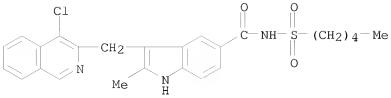
recording material containing)
RN 332141-82-9 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]- (CA INDEX NAME)



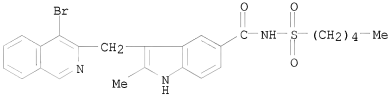
L19 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1998:239201 CAPLUS
DOCUMENT NUMBER: 128:294695
ORIGINAL REFERENCE NO.: 128:58406h,58407a
TITLE: Preparation and formulation of indole derivatives as hypoglycemics and phosphodiesterase 5 inhibitors
INVENTOR(S): Yamasaki, Noritsugu; Imoto, Takafumi; Murai, Yoshiyuki; Hiramura, Takahiro; Onomura, Osamu; Nishikawa, Masahiro; Oku, Teruo; Sawada, Kouzou; Kayakiri, Hiroshi; et al.
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 184 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9815530	A1	19980416	WO 1997-JP3592	19971007
W: AU, BR, CA, CN, HU, IL, JP, KR, MX, NZ, RU, SG, TR, US, AM, AZ, BY, KG, KZ, MD, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, NL, PT, SE				
TW 548272	B	20030821	TW 1997-86100149	19970108
AU 9744005	A	19980505	AU 1997-44005	19971007
ZA 9708998	A	19980420	ZA 1997-8998	19971008
PRIORITY APPLN. INFO.:			JP 1996-287676 A	19961008
			JP 1997-187536 A	19970627
			WO 1997-JP3592 W	19971007

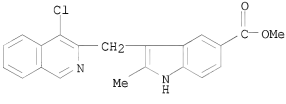
OTHER SOURCE(S): MARPAT 128:294695
IT 206065-33-0P 206065-34-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indole derivs. as hypoglycemics and phosphodiesterase 5 inhibitors)
RN 206065-33-0 CAPLUS
CN 1H-Indole-5-carboxamide, 3-[(4-chloro-3-isoquinolinyl)methyl]-2-methyl-N-(pentylsulfonyl)- (CA INDEX NAME)



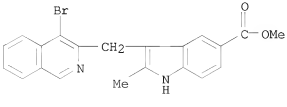
RN 206065-34-1 CAPLUS
CN 1H-Indole-5-carboxamide, 3-[(4-bromo-3-isoquinolinyl)methyl]-2-methyl-N-(pentylsulfonyl)- (CA INDEX NAME)



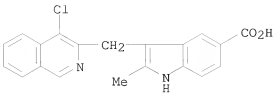
IT 206066-62-8P 206066-63-9P 206066-75-3P
206066-76-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indole derivs. as hypoglycemics and phosphodiesterase 5 inhibitors)
RN 206066-62-8 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-chloro-3-isoquinolinyl)methyl]-2-methyl-, methyl ester (CA INDEX NAME)



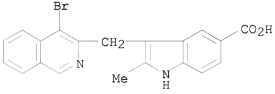
RN 206066-63-9 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-bromo-3-isoquinolinyl)methyl]-2-methyl-, methyl ester (CA INDEX NAME)



RN 206066-75-3 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-chloro-3-isoquinolinyl)methyl]-2-methyl- (CA INDEX NAME)



RN 206066-76-4 CAPLUS
CN 1H-Indole-5-carboxylic acid, 3-[(4-bromo-3-isoquinolinyl)methyl]-2-methyl-
(CA INDEX NAME)

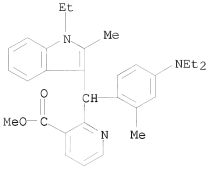


OS.CITING REF COUNT: 15 THERE ARE 15 CAPLUS RECORDS THAT CITE THIS RECORD (20 CITINGS)
REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:473065 CAPLUS
DOCUMENT NUMBER: 127:88095
ORIGINAL REFERENCE NO.: 127:16803a,16806a
TITLE: Multicolor thermal printing material containing leuco dye
INVENTOR(S): Omura, Haruo; Fujino, Masatoshi; Suzuki, Shigeru; Fukui, Satoshi
PATENT ASSIGNEE(S): Oji Paper Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 19 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09156219	A	19970617	JP 1995-320672	19951208

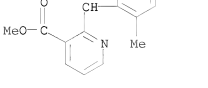
PRIORITY APPLN. INFO.: JP 1995-320672 19951208
OTHER SOURCE(S): MARPAT 127:88095
IT 186958-13-4
RL: DEV (Device component use); USES (Uses)
(multicolor thermal printing material containing leuco dye, oxidizing agent, and photo-reducing agent)
RN 186958-13-4 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]-, methyl ester (CA INDEX NAME)



L19 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:449425 CAPLUS
DOCUMENT NUMBER: 127:73066
ORIGINAL REFERENCE NO.: 127:13835a
TITLE: Multi-color heat-sensitive recording material
INVENTOR(S): Fujino, Masatoshi; Omura, Haruo; Suzuki, Shigeru; Fukui, Satoshi
PATENT ASSIGNEE(S): Oji Paper Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09118076	A	19970506	JP 1995-275809	19951024
PRIORITY APPLN. INFO.:			JP 1995-275809	19951024

IT 186958-13-4
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(oxidation-coloring leuco dye enclosed in microcapsule for multi-color heat-sensitive recording material)
RN 186958-13-4 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]-, methyl ester (CA INDEX NAME)

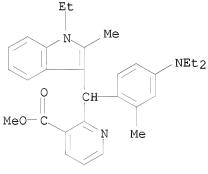


L19 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:393812 CAPLUS

DOCUMENT NUMBER: 127:42323
ORIGINAL REFERENCE NO.: 127:7950h,7951a
TITLE: Photofixable thermal recording material
INVENTOR(S): Omura, Haruo; Fujino, Masatoshi; Suzuki, Shigeru; Fukui, Satoshi
PATENT ASSIGNEE(S): Oji Paper Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09109554	A	19970428	JP 1995-266746	19951016

PRIORITY APPLN. INFO.: JP 1995-266746 19951016
OTHER SOURCE(S): MARPAT 127:42323
IT 186958-13-4
RL: DEV (Device component use); USES (Uses)
(leuco dye; photofixable thermal recording material)
RN 186958-13-4 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]-, methyl ester (CA INDEX NAME)

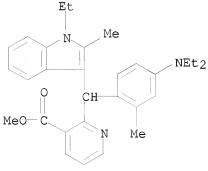


L19 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:344107 CAPLUS
DOCUMENT NUMBER: 127:26222
ORIGINAL REFERENCE NO.: 127:4959a,4962a
TITLE: Multicolor thermal recording materials containing 11-(2-carboxyphenyl)benzo[a]xanthene derivatives as leuco dyes
INVENTOR(S): Omura, Haruo; Fujino, Masatoshi; Suzuki, Shigeru; Fukui, Satoshi
PATENT ASSIGNEE(S): Oji Paper Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09076635	A	19970325	JP 1995-235657	19950913

PRIORITY APPLN. INFO.: JP 1995-235657 19950913

IT 186958-13-4
RL: TEM (Technical or engineered material use); USES (Uses)
(multicolor thermal recording materials containing (carboxyphenyl)benzo[a]xanthene derivs. as leuco dyes with improved hue and storage stability)
RN 186958-13-4 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]-, methyl ester (CA INDEX NAME)

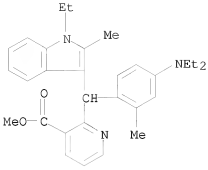


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

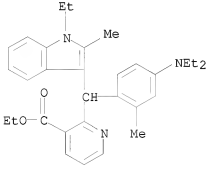
L19 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:165185 CAPLUS
DOCUMENT NUMBER: 126:179122
ORIGINAL REFERENCE NO.: 126:34437a,34440a
TITLE: Heat-sensitive recording material containing oxidation-coloring leuco dyes
INVENTOR(S): Omura, Haruo; Aoki, Yasuyuki; Fukui, Satoshi
PATENT ASSIGNEE(S): Oji Paper Co, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09011633	A	19970114	JP 1995-166329	19950630

PRIORITY APPLN. INFO.: JP 1995-166329 19950630
OTHER SOURCE(S): MARPAT 126:179122
IT 186958-13-4 186958-17-8
RL: TEM (Technical or engineered material use); USES (Uses)
(leuco dye; heat-sensitive recording material containing oxidation-coloring leuco dyes)
RN 186958-13-4 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]-, methyl ester (CA INDEX NAME)



RN 186958-17-8 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[4-(diethylamino)-2-methylphenyl](1-ethyl-2-methyl-1H-indol-3-yl)methyl]-, ethyl ester (CA INDEX NAME)

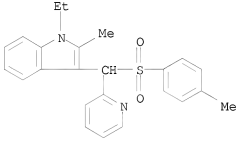


L19 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1982:77591 CAPLUS
DOCUMENT NUMBER: 96:77591
ORIGINAL REFERENCE NO.: 96:12631a,12634a
TITLE: Mono- and bis-substituted (arylsulfonyl)alkanes and marking systems
INVENTOR(S): Schmidt, Paul J.; Hung, William M.
PATENT ASSIGNEE(S): Sterling Drug Inc., USA
SOURCE: U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 931,654, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

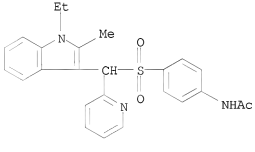
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4257954	A	19810324	US 1979-48599	19790614
CA 1144547	A1	19830412	CA 1979-332679	19790727
GB 2028808	A	19800312	GB 1979-26588	19790731
GB 2028808	B	19830518		
AU 7949494	A	19800214	AU 1979-49494	19790802
ZA 7904030	A	19800730	ZA 1979-4030	19790803
BE 878124	A1	19800207	BE 1979-9485	19790807
DK 7903310	A	19800209	DK 1979-3310	19790807
NL 7906036	A	19800212	NL 1979-6036	19790807

BR 7905059	A	19800520	BR 1979-5059		19790807
DE 2932209	A1	19800221	DE 1979-2932209		19790808
JP 55033473	A	19800308	JP 1979-101151		19790808
FR 2436147	A1	19800411	FR 1979-20306		19790808
FR 2445831	A1	19800801	FR 1980-6270		19800320
CA 1144548	A2	19830412	CA 1981-391792		19811208
US 4494989	A	19850122	US 1982-399916		19820719
PRIORITY APPLN. INFO.:			US 1978-931654	A2	19780808
			US 1979-48599	A	19790614
			CA 1979-332679	A3	19790727
			US 1980-164892	A3	19800630

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 96:77591
IT 77978-02-0 77978-10-0
RL: USES (Uses)
(color former, in pressure-sensitive copying paper and thermal marking systems)
RN 77978-02-0 CAPLUS
CN 1H-Indole, 1-ethyl-2-methyl-3-[[(4-methylphenyl)sulfonyl]-2-pyridinylmethyl]- (CA INDEX NAME)



RN 77978-10-0 CAPLUS
CN Acetamide, N-[4-[[(1-ethyl-2-methyl-1H-indol-3-yl)-2-pyridinylmethyl]sulfonyl]phenyl]- (CA INDEX NAME)



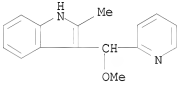
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1982:53836 CAPLUS
DOCUMENT NUMBER: 96:53836
ORIGINAL REFERENCE NO.: 96:8875a,8878a
TITLE: Indoles and duplicating or marking systems containing them

INVENTOR(S): Schmidt, Paul Joseph; Hung, William Mo Wei
PATENT ASSIGNEE(S): Sterling Drug Inc., USA
SOURCE: Eur. Pat. Appl., 46 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 35774	A2	19810916	EP 1981-101651	19810306
EP 35774	A3	19820407		
R: CH, DE, FR, GB				
US 4307898	A	19811229	US 1980-127648	19800306
CA 1151178	A1	19830802	CA 1981-372365	19810305
BR 8101320	A	19810908	BR 1981-1320	19810306
JP 56139457	A	19811030	JP 1981-32394	19810306
US 4485242	A	19841127	US 1981-288495	19810730
US 4618684	A	19861021	US 1984-630911	19840713

PRIORITY APPLN. INFO.: US 1980-127648 A 19800306
US 1981-288495 A3 19810730
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): CASREACT 96:53836; MARPAT 96:53836
IT 80397-78-0
RL: USES (Uses)
(color formers, for pressure-sensitive and thermal marking systems, preparation of)
RN 80397-78-0 CAPLUS
CN 1H-Indole, 3-(methoxy-2-pyridinylmethyl)-2-methyl- (CA INDEX NAME)



L19 ANSWER 28 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1981:499312 CAPLUS
DOCUMENT NUMBER: 95:99312
ORIGINAL REFERENCE NO.: 95:16691a,16694a
TITLE: Synthesis, proton NMR and electronic absorption spectra of bis(1,2-dimethyl-3-indolyl)hetarylmethane dyes
AUTHOR(S): Naef, R.
CORPORATE SOURCE: Inst. Farbenchem., Univ. Basel, Basel, CH-4056, Switz.
SOURCE: Dyes and Pigments (1981), 2(1), 57-70
CODEN: DYPIDX; ISSN: 0143-7208
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 78846-64-7
RL: USES (Uses)
(electronic absorption spectra maximum of)
RN 78846-64-7 CAPLUS
CN 3H-Indolium, 3-[(1,2-dimethyl-1H-indol-3-yl)-2-pyridinylmethylene]-1,2-dimethyl-, perchlorate, monoperchlorate (9CI) (CA INDEX NAME)

CM 1

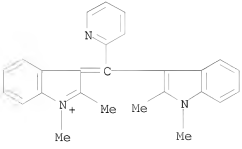
CRN 7601-90-3
CMF Cl H O4

CM 2

CRN 78846-63-6
CMF C26 H24 N3 . Cl O4

CM 3

CRN 78846-62-5
CMF C26 H24 N3



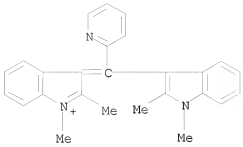
CM 4

CRN 14797-73-0
CMF Cl O4

IT 78846-63-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, NMR and electronic absorption spectra of)
RN 78846-63-6 CAPLUS
CN 3H-Indolium, 3-[(1,2-dimethyl-1H-indol-3-yl)-2-pyridinylmethylene]-1,2-dimethyl-, perchlorate (1:1) (CA INDEX NAME)

CM 1

CRN 78846-62-5
CMF C26 H24 N3

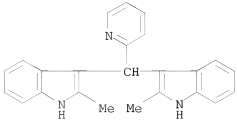


CM 2

CRN 14797-73-0
CMF Cl O4

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L19 ANSWER 29 OF 29 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1959:67722 CAPLUS
DOCUMENT NUMBER: 53:67722
ORIGINAL REFERENCE NO.: 53:12288g-i,12289a-c
TITLE: Reactions in the pyridine series. I. Reactions of pyridine- and quinolinealdehydes with pyrroles and indoles
AUTHOR(S): Strell, Martin; Zocher, Anneliese; Kopp, Erwin
CORPORATE SOURCE: Tech. Hochschule, Munich, Germany
SOURCE: Chemische Berichte (1957), 90, 1798-1808
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 104097-72-5P, Indole, 3,3'-[2-pyridylmethylene]bis[2-methyl-
RL: PREP (Preparation)
(preparation of)
RN 104097-72-5 CAPLUS
CN 1H-Indole, 3,3'-(2-pyridinylmethylene)bis[2-methyl- (CA INDEX NAME)



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